



BOBBY JINDAL
GOVERNOR

HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.:
Mr. Stan J. Vanderleeuw
Refinery Manager
ExxonMobil Refining and Supply Company
P.O. Box 551
Baton Rouge, Louisiana 70821

AI No. 2638
PER20070027

RE: Part 70 Operating Permit Renewal/Modification, Baton Rouge Refinery – Utilities,
ExxonMobil Refining and Supply Company, Baton Rouge, East Baton Rouge Parish,
Louisiana

Dear Mr. Vanderleeuw:

This is to inform you that the Part 70 operating permit renewal/modification for the above referenced facility has been approved under LAC 33:III.501. The submittal was approved on the basis of the application submitted and the approval in no way relieves the applicant of the obligation to comply with all applicable requirements.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the _____ of _____, 2013, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number cited below and the Agency Interest Number 2638 should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2008.

Permit No.: 2363-V2

Sincerely,

PN

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**UTILITIES; AI No. 2638; PER20070027
EXXONMOBIL REFINING AND SUPPLY COMPANY
BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA**

I. BACKGROUND

ExxonMobil Refining and Supply Company (ExxonMobil) owns and operates a petroleum refinery in Baton Rouge, Louisiana (BRRF). The Utilities is an existing facility in the refinery. Currently the facility operated under Permit 2363-V1 dated January 25, 2005.

This permit serves as a renewal/modification to the Part 70 Title V Permit for the Utilities (formerly the Water Clarification Unit (WCLA)).

II. ORIGIN

ExxonMobil submitted an application and Emission Inventory Questionnaire (EIQ) received December 19, 2007 and additional information dated April 4, 2008 and July 9, 2008 requesting a Part 70 permit modification.

III. DESCRIPTION

Wastewater is collected throughout the refinery (Area Source ID: WCLA-OFFSITES) for processing. The first stage in the WCLA onsite processing is the oil/water separators (Source IDs: WCLA/TK0021 and WCLA/TK0022). These tanks also receive wastewater from the central process sewers via the stormwater diversion facilities (SWDFs) and the wet gas scrubber settling ponds. During heavy rainfall events, water from the SWDFs can be routed to Rain Basins 1 and 2 (RB1/RB-2).

Wastewater from WCLA/TK0021, WCLA/TK0022, the Oily Water Sewer System (OLSS), the 12-inch line, and water from the RB-1 flows through the pre-treatment section of WCLA, which includes aggressive biological treatment. After secondary treatment in BIOX, the water is discharged.

Equipment included in the Offsites source are: equipment grouped into Offsites (calculating using TOXCHEM Version 3), offsites tanks, heavy liquid fugitives, and secondary wastewater.

The unit also provides several different subsystems that generate or supply BRRF with utility commodities to the manufacturing units at the complex. These commodity utilities consist of air, water, emergency power to complex critical facilities, and fuel for complex vehicles.

There is one project-associated change included with this permit modification:

- Three (3) permanently installed portable air compressors (EIQ #s UTIL/PAC1, UTIL/PAC2, and UTIL/PAC3). These permanently installed PACs serve as backup to the complex instrument air system in the event of a power failure to the complex.

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These new air compressors will be powered by diesel engines, which will comply the requirements of 40 CFR 60 Subpart III (Standards of Performance for Stationary Compression Ignition Internal Combustion Engines).

Also, updates to the permit application are included that are not project related. These changes include:

- The addition of nine (9) previously not permitted permanently installed portable air compressors (EIQ #s: UTIL/PAC4, UTIL/PAC5, UTIL/PAC6, UTIL/PAC7, UTIL/PAC8, UTIL/PAC9, UTIL/PAC10, UTIL/PAC11, and UTIL/PAC12).
- EIQ #s UTIL/PAC1, UTIL/PAC2, UTIL/PAC3, UTIL/PAC4, UTIL/PAC5, and UTIL/PAC6 will be subject to the requirements of Subpart III.
- The addition of four (4) previously not permitted diesel powered fire water pumps (EIQ #s: FIRE/PUMP DP-5, FIRE/PUMP DP-9, UTIL/PUMP P-6002, and UTIL/PUMP Shore).
- The addition of three (3) previously not permitted diesel powered emergency generators (EIQ #s: FIRE/GEN, SECR/GEN, and UTIL/GEN Shore).
- The addition of two (2) previously not permitted gasoline dispensing facilities (EIQ #s UTIL/GAS-CP and UTIL/GAS-RF).
- The deletion of the WCLA Sludge Dryers (EIQ #s: WCLA/DRYERS A/B).
- The revision of emission limits for WCLA Offsite Tank (EIQ #: WCLA/OFFSITE TANKS) to address changes in emission factors for tank fittings.
- The change of the name from "Water Clarification Unit" to "Utilities" to better define the operational nature of all of the units in the permit.
- The addition of, or updates to, regulatory requirements for 40 CFR 63 Subpart GGGGG.
- The revision of emissions limits for WCLA Onsite (EIQ WCLA/ONSITES) to address PM emissions from a previously not permitted cooling tower that is included in the WCLA Onsite source.

Estimated emissions from the facility in tons per year are as follows:

Pollutant	Before	After	Change	Emission	
				Emission Increases due to Including 19 Existing Sources*	Increases due to Reconciliation
PM ₁₀	—	26.31	+26.31	8.02	+18.29
SO ₂	—	2.40	+2.40	1.89	+0.51
NO _x	—	131.15	+131.15	121.34	+9.81
CO	—	32.39	+32.39	28.31	+4.08
VOC†	479.46	486.33	+6.87	9.25	-2.38

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*This permit adds 19 existing sources which were omitted from previous permits.

†VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

Pollutant	Before	After	Change
1,2-Dibromoethane	1.76	1.76	-
2,2,4-Trimethylpentane	98.68	98.68	-
Benzene	18.26	18.26	-
Biphenyl	5.80	5.80	-
Cresol	1.51	1.50	-0.01
Cumene	3.20	3.18	-0.02
Ethylbenzene	19.89	19.86	-0.03
Ethylene glycol	0.03	0.03	-
Methanol	43.89	43.84	-0.05
Methyl ethyl ketone	40.91	40.90	-0.01
Methyl isobutyl ketone	7.15	7.14	-0.01
Methyl tert-butyl ether	155.51	155.50	-0.01
n-Hexane	6.37	6.36	-0.01
Naphthalene	22.33	0.01	-22.32
Phenol	5.95	5.94	-0.01
Polynuclear aromatic hydrocarbon	0.01	0.01	-
Styrene	1.59	1.59	-
Toluene	85.18	85.14	-0.04
Xylene (mixed isomers)	101.98	101.72	-0.26
Total	620.00	597.22	-22.78

<u>Non-VOC TAP Speciation</u>	TPY
Hydrogen sulfide	8.08
Sulfuric acid	0.17
Ammonia	82.56
Total	90.81

IV. Type of Review

This application was reviewed for compliance with the Louisiana Part 70 operating permit program, Louisiana Air Quality Regulations, National Standards of Performance for Stationary Sources (NSPS) and National Emission Standards Hazardous Air Pollutants (NESHP). Prevention of Significant Deterioration (PSD) and Nonattainment New Source Review (NNSR) do not apply.

This facility is a major source of toxic air pollutants (TAPs) and is a part of the refinery, which is a major source of TAPs.

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V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 2008; and in the <local paper>, <local town>, on <date>, 2008. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>, 2008. The draft permit was also submitted to US EPA Region VI on <date>, 2008. All comments will be considered prior to the final permit decision.

VII. Effects on Ambient Air

Emissions associated with the proposed renewal/modification were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and AAS. LDEQ did not require the applicant to model emissions.

Dispersion Model(s) Used: None

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Toxic Air Pollutant Ambient Air Quality Standard or (National Ambient Air Quality Standard {NAAQS})
-	-	-	-

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VIII. General Condition XVII Activities

	Work Activity	Emission Rates – TPY				
		PM ₁₀	SO ₂	NO _x	CO	VOC
GCXVII No. 1	WCLA Work Practices – Tank Cleaning					1.46
GCXVII No. 2	WCLA Work Practices – Tank Gauging					0.16
GCXVII No. 3	WCLA Work Practices – OXO Wastewater Stream Handling					0.08
GCXVII No. 4	Portable Frac Tanks (10)					1.50

IX. Insignificant Activities

ID No.:	Description	Max Rate or Tank Capacity	Citation
UTIL/IA/BFWU	Unit Tank	1890 gal	LAC 33:III.501.B.5.A.3
UTIL/IA/D001	Unit Tank	1427 gal	LAC 33:III.501.B.5.A.3
UTIL/IA/D002	Unit Tank	1427 gal	LAC 33:III.501.B.5.A.3
UTIL/IA/D003	Unit Tank	1000 gal	LAC 33:III.501.B.5.A.3
UTIL/IA/TK0604	Unit Tank	6500 gal	LAC 33:III.501.B.5.A.3
UTIL/IA/TK0072	Unit Tank	400 gal	LAC 33:III.501.B.5.A.3
UTIL/IA/TK0093	Unit Tank	2200 gal	LAC 33:III.501.B.5.A.3
WCLA/IA/TK064	Unit Tank	500 gal	LAC 33:III.501.B.5.A.3
WCLA/IA/TK073	Unit Tank	6201 gal	LAC 33:III.501.B.5.A.3
WCLA/IA/TK0803	Unit Tank	9408 gal	LAC 33:III.501.B.5.A.3
WCLA/IA/TK1219	Unit Tank	715 gal	LAC 33:III.501.B.5.A.3
WCPLX/IA/TK068	Unit Tank	550 gal	LAC 33:III.501.B.5.A.3
WCPLX/IA/TK069	Unit Tank	550 gal	LAC 33:III.501.B.5.A.3

All insignificant activities shall meet the requirements to submit emission inventory data to comply with LAC 33:III.919 – Emission Inventory.

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements		LAC 33:III.Chapter																				
		5 ^A	9	11	13	15	2103	2109	2111	2113	2115	2122	2132	2141	2151	2153	22	29*	51*	56	59*	
ID No.:	Description																					
UNF06	Entire Facility	1	1							1				1						1	1	1
ARE009	WCLA-OFFSITES - WCLA Offsites (Area Emissions)																			1		
ARE022	WCLA-ONSITES - WCLA Onsites (Area Emissions)																			1		
EQT522	UTIL/GAS-CP - Gasoline Vehicle Refueling Service for Chemical Plant											1										
EQT523	UTIL/GAS-RF - Gasoline Vehicle Refueling Service for the Refinery											1										
EQT524	UTIL/D100 - UTIL/D100					2														1		
EQT525	UTIL/D200 - UTIL/D200					2														1		
EQT526	UTIL/D300 - UTIL/D300					2														1		
EQT527	UTIL/TK0401 - UTIL/TK0401					2														1		
EQT528	UTIL/TK0611 - UTIL/TK0611					2														1		
EQT529	WCLA/TK0021 - WCLA/TK0021					1		1												1		
EQT530	WCLA/TK0022 - WCLA/TK0022					1		1												1		
EQT531	WCLA/TK0026 - WCLA/TK0026					1														1		
EQT532	WCLA/TK0072 - WCLA/TK0072					1														1		
EQT533	WCLA/TK0101 - NEUTRALIZATION TANK					2														1		
EQT534	WCLA/TK0102 - AGGRESSIVE BIOLOGICAL TREATMENT					2														1		
EQT535	WCLA/TK0103 - MIXING					2														1		
EQT536	WCLA/TK0104 - FLOCCULATION					2														1		

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ID No.:	Description	LAC 33:III. Chapter																							
		5*	9	11	13	15	2103	2109	2111	2113	2115	2122	2132	2141	2151	2153	22	29*	51*	56	59*				
EQT537	WCLA/TK0202A - PRETREAT AIR FLOATATION						2																1		
EQT538	WCLA/TK0202B - PRETREAT AIR FLOATATION						2																	1	
EQT539	WCLA/TK0204 - A-DAF FLOAT						2																	1	
EQT540	WCLA/TK0301A - BIOX AERATION						2																	1	
EQT541	WCLA/TK0301B - BIOX AERATION						2																	1	
EQT542	WCLA/TK0302A - BIOX CLARIFIERS						2																	1	
EQT543	WCLA/TK0302B - BIOX CLARIFIERS						2																	1	
EQT544	WCLA/TK0414 - WCLA/TK0414						1																	1	
EQT545	WCLA/TK0459 - WCLA/TK0459						2																	1	
EQT546	WCLA/TK0522 - WCLA/TK0522						1																	1	
EQT547	WCLA/TK0523 - WCLA/TK0523						1																	1	
EQT548	WCLA/TK0543 - WCLA/TK0543						1																	1	
EQT549	WCLA/TK0544 - WCLA/TK0544						1																	1	
EQT550	WCLA/TK0546 - WCLA/TK0546						1																	1	
EQT551	WCLA/TK0548 - WCLA/TK0548						1																	1	
EQT552	WCLA/TK0549 - WCLA/TK0549						1																	1	
EQT553	WCLA/TK0552 - WCLA/TK0552						2																	1	
EQT554	WCLA/TK0602 - B-DAF CLARIFIED WATER						2																	1	
EQT555	WCLA/TK0603 - ROTARY						2																	1	

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																					
		5 ^A	9	11	13	15	2103	2109	2111	2113	2115	2122	2132	2141	2151	2153	22	29*	51*	56	59*		
	SLUDGE THICKENER (RST)																						
EQT556	WCLA/TK0604 - B-DAF FLOAT					2														1			
EQT557	WCLA/TK0650 - WCLA/TK0650					2														1			
EQT558	WCLA/TK0654 - WCLA/TK0654					2														1			
EQT559	WCLA/TK0659 - WCLA/TK0659					1														1			
EQT560	WCLA/TK0695 - WCLA/TK0695					2														1			
EQT561	WCLA/TK0801 - WCLA/TK0801					2														1			
EQT562	WCLA/TK0804 - WCLA/TK0804					2														1			
EQT563	WCLA/TK0807 - WCLA/TK0807					2														1			
EQT564	WCLA/TK0808 - WCLA/TK0808					2														1			
EQT565	WCLA/TK0809 - WCLA/TK0809					2														1			
EQT566	WCLA/TK0810 - WCLA/TK0810					2														1			
EQT567	WCLA/TK1211 - WCLA/TK1211					2														1			
EQT568	WCLA/TK1232 - WCLA/TK1232					2														1			
EQT569	WCLA/DRYERS A/B - WCLA Sludge Dryers																						
EQT570	WCLA/WW - WCLA Sewer Vents																						
EQT571	FIRE/GEN - Fire Station Emergency Generator		1	1	2																1		
EQT572	FIRE/PUMP DP-5 - Diesel Powered Firewater Pump DP-5		1	1	2																1		
EQT573	FIRE/PUMP DP-9 - Diesel Powered Firewater Pump DP-9		1	1	2																1		

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X. ID No.:	Description	LAC 33:III, Chapter																				
		5 ^A	9	11	13	15	2103	2109	2111	2113	2115	2122	2132	2141	2151	2153	22	29*	51*	56	59*	
EQT574	SECR/GEN - Security Office Emergency Generator			1	1	2														1		
EQT575	UTIL/GEN SHORE - Shore Emergency Generator		1	1	2															1		
EQT576	UTIL/PAC1 - Permanently Installed Portable Air Compressor #1		1	1	2					3							2			1		
EQT577	UTIL/PAC10 - Permanently Installed Portable Air Compressor #10		1	1	2												2			1		
EQT578	UTIL/PAC11 - Permanently Installed Portable Air Compressor #11		1	1	2												2			1		
EQT579	UTIL/PAC12 - Permanently Installed Portable Air Compressor #12		1	1	2												2			1		
EQT580	UTIL/PAC2 - Permanently Installed Portable Air Compressor #2		1	1	2					3							2			1		
EQT581	UTIL/PAC3 - Permanently Installed Portable Air Compressor #3		1	1	2					3							2			1		
EQT582	UTIL/PAC4 - Permanently Installed Portable Air Compressor #4		1	1	2					3							2			1		
EQT583	UTIL/PAC5 - Permanently Installed Portable Air Compressor #5		1	1	2					3							2			1		
EQT584	UTIL/PAC6 - Permanently Installed Portable Air Compressor #6		1	1	2					3							2			1		
EQT585	UTIL/PAC7 - Permanently Installed Portable Air Compressor #7		1	1	2												2			1		
EQT586	UTIL/PAC8 - Permanently Installed Portable Air Compressor #8		1	1	2												2			1		
EQT587	UTIL/PAC9 - Permanently Installed Portable Air Compressor #9		1	1	2												2			1		
EQT588	UTIL/PUMP P-6002 - Diesel Powered Firewater P-6002		1	1	2												2			1		
EQT589	UTIL/PUMP SHORE - Diesel Powered Firewater Pump Shore		1	1	2												2			1		
EQT602	WCLA/TK0140 - WCLA/TK0140																2					

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																				
		5 [▲]	9	11	13	15	2103	2109	2111	2113	2115	2122	2132	2141	2151	2153	22	29*	51*	56	59*	
EQT 603	WCLA/TK0174 - WCLA/TK0174						2													1		
EQT 604	WCLA/TK0619 - WCLA/TK0619						2													1		
EQT 605	WCLA/WLRF1 - Wax Lube Recycling Container						2													1		
EQT 606	WCLA/WLRF2 - Wax Lube Recycling Container						2													1		
FUG012	WCLA/HL - WCLA Heavy Liquid Fugitive Emissions							1														

* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR Subpart 60										40 CFR Subpart 61										40 CFR Subpart 63						40 CFR		
		A	D	Da	Db	Dc	Dd	GG	GGG	JJJJ	K	Ka	Kb	III	QQQ	A	J	M	V	Y	FF	A	B	Q	Y	CC	ZZZ	GGGG	64	68
UNF06	Entire Facility														1	1	1	1	1	1	1						1			1
ARE009	WCLA-OFFSITES - WCLA Offsites (Area Emissions)																													
ARE022	WCLA-ONSITES - WCLA Onsites (Area Emissions)																													
EQT522	UTIL/GAS-CP - Gasoline Vehicle Refueling Service for Chemical Plant																													3
EQT523	UTIL/GAS-RF - Gasoline Vehicle Refueling Service for the Refinery																													3
EQT524	UTIL/D100 - UTIL/D100									3	3	3									3	3								1
EQT525	UTIL/D200 - UTIL/D200									3	3	3									3	3								1
EQT526	UTIL/D300 - UTIL/D300									3	3	3									3	3								1
EQT527	UTIL/TK0401 - UTIL/TK0401									3	3	3									3	3								1
EQT528	UTIL/TK0611 - UTIL/TK0611									3	3	3									3	3								1
EQT529	WCLA/TK0021 - WCLA/TK0021									3	3	1		3							3	1								3
EQT530	WCLA/TK0022 - WCLA/TK0022									3	3	1		3							3	1								3
EQT531	WCLA/TK0026 - WCLA/TK0026									3	3	1									3	1								1
EQT532	WCLA/TK0072 - WCLA/TK0072									3	3	2									3	3								1
EQT533	WCLA/TK0101 - NEUTRALIZATION TANK1									3	3	3									3	3								1

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements		40 CFR Subpart 60										40 CFR Subpart 61					40 CFR Subpart 63					40 CFR							
		A	D	Da	Db	Dc	Gg	GgG	JJJ	K	Ka	Kb	III	QQQ	A	J	M	V	Y	FF	A	B	Q	Y	CC	ZZZ	GGGG	64	68
EQT579	Permanently Installed Portable Air Compressor #11 UTIL/PAC12 - Permanently Installed Portable Air Compressor #12	3	3	3	3	3	3	3				1													3				
EQT580	UTIL/PAC2 - Permanently Installed Portable Air Compressor #2	3	3	3	3	3					1																		
EQT581	UTIL/PAC3 - Permanently Installed Portable Air Compressor #3	3	3	3	3	3	3	3				1													3				
EQT582	UTIL/PAC4 - Permanently Installed Portable Air Compressor #4	3	3	3	3	3	3	3				1													3				
EQT583	UTIL/PAC5 - Permanently Installed Portable Air Compressor #5	3	3	3	3	3	3	3				1													3				
EQT584	UTIL/PAC6 - Permanently Installed Portable Air Compressor #6	3	3	3	3	3	3	3				1													3				
EQT585	UTIL/PAC7 - Permanently Installed Portable Air Compressor #7	3	3	3	3	3	3	3				3																	
EQT586	UTIL/PAC8 - Permanently Installed Portable Air Compressor #8	3	3	3	3	3	3	3				3																	
EQT587	UTIL/PAC9 -	3	3	3	3	3	3	3				3																	

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BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA

X. ID No.:	Description	40 CFR Subpart 60										40 CFR Subpart 61					40 CFR Subpart 63					40 CFR							
		A	D	Da	Db	Dc	Gg	GgG	JJJJ	K	Ka	Kb	III	QQQ	A	J	M	V	Y	FF	A	B	Q	Y	CC	ZZZZ	GGGG	64	68
	Permanently Installed Portable Air Compressor #9																												
EQT588	UTIL/PUMP P-6002 - Diesel Powered Firewater P-6002	3	3	3	3	3		3				3														3			
EQT589	UTIL/PUMP SHORE - Diesel Powered Firewater Pump Shore	3	3	3	3	3		3				3														3			
EQT602	WCLA/TK0140 - WCLA/TK0140								3	3	3								3	3									
EQT603	WCLA/TK0174 - WCLA/TK0174								3	3	3								3	3									
EQT604	WCLA/TK0619 - WCLA/TK0619								3	3	3								3	3									
EQT605	WCLA/WLRF1 - Wax Lube Recycling Container								3	3	3								3	1									
EQT606	WCLA/WLRF2 - Wax Lube Recycling Container								3	3	2								3	1									
FUG012	WCLA/HL - WCLA Heavy Liquid Fugitive Emissions						2								2														

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KEY TO MATRIX

- 1 -The regulations have applicable requirements that apply to this particular emission source.
 -The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank - The regulations clearly do not apply to this type of emission source.

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XI. ID No:	Table 2. Explanation for Exemption Status or Non-Applicability of a Source	Notes
FIRE/GEN	Requirement	
FIRE/PUMP DP-5	Emission Standard for Sulfur Dioxide Emission Limitations LAC 33:III.1503.C	EXEMPT - Units emitting less than 250 tpy SO ₂ are exempt. Unit emits less than 250 tpy SO ₂ .
FIRE/PUMP DP-9	Emission Standard for Sulfur Dioxide, CEM Requirements LAC 33:III.1511.A	EXEMPT - CEM is not required for flares and sources emitting less than 100 tpy of SO ₂ . Source emits less than 100 tpy SO ₂ .
SECR/GEN	Control of Emissions of Nitrogen Oxides - Affected Facilities in the Baton Rouge Nonattainment Area and the Region of Influence LAC 33:III.2201.C.14	EXEMPT - Diesel-fired stationary internal combustion engines are exempt from the NO _x RACT requirements.
UTIL/GEN SHORE	Comprehensive Toxic Air Pollutants Emission Control Program LAC 33:III.5105.B.3.c	EXEMPT - Emissions from the combustion of gas streams as defined in LAC 33:III.5105.B.3.c are exempt from the requirements of Chapter 51 Subpart A. MACT is not required.
UTIL/PAC10	NSPS Subpart D - Standards of Performance for Fossil-Fuel-Fired Steam Generators 40 CFR 60.40(a) and 60.41(a)	DOES NOT APPLY - The source does not meet the definition of a steam generating unit
UTIL/PAC11	NSPS Subpart Da - Standards of Performance for Electric Utility Steam Generating Units 40 CFR 60.41a	DOES NOT APPLY - The source does not meet the definition of a steam generating unit
UTIL/PAC12	NSPS Subpart Db - Standards of Performance for Industrial - Commercial - Institutional Steam Generating Units 40 CFR 60.40b(a) and 60.41b	DOES NOT APPLY - The source does not meet the definition of a steam generating unit
UTIL/PAC7	NSPS Subpart Dc - Standards of Performance for Small Industrial - Commercial - Institutional Steam Generating Units 40 CFR 60.40c(a) and 60.41c	DOES NOT APPLY - The source does not meet the definition of a steam generating unit
UTIL/PAC8	NSPS Subpart Gg - Standards of Performance for Stationary Gas Turbines 40 CFR 60.331(a)	DOES NOT APPLY - The source does not meet the definition of a steam generating unit
UTIL/PAC9	NSPS Subpart Hhh - Standards of Performance for Compression Ignition Internal Combustion Engines 40 CFR 60.4200(a)(2)	DOES NOT APPLY - No construction, reconstruction, or modification after July 11, 2005.
	NSPS Subpart Jjjj - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines 40 CFR 60.4230	DOES NOT APPLY - The source does not meet the definition of Spark Ignition Internal Combustion Engine.
	NESHAP for Source Categories Subpart Zzzz - Stationary Reciprocating Internal Combustion Engines 40 CFR 63.4590(a)	DOES NOT APPLY - These engines have not been constructed, reconstructed or modified after June 12, 2006.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source	
ID No:	Notes
UTIL/D100 UTIL/D200 UTIL/D300	<p>Requirement Control of Organic Compounds – Storage of Volatile Organic Compounds LAC 33:III.2103</p> <p>Notes EXEMPT – Storage vessels storing VOC with a maximum TVP < 1.5 psia are exempt from the provisions of this section except from LAC 33:III.2103.H.3 and 4. DOES NOT APPLY – The provisions of subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. Storage vessels do not store petroleum liquid and/or have not been modified between June 11, 1973 and May 18, 1978.</p>
	<p>Standards of Performance for Storage Vessels NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110</p> <p>Standards of Performance for Storage Vessels NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a</p>
	<p>Standards of Performance for Volatile Organic Liquid Storage Vessels NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels 40 CFR 60.110b(a)</p> <p>Standards of Performance for Storage Vessels DOES NOT APPLY – The provisions of this subpart apply only to volatile organic liquid storage vessels with a capacity of less than 19,812 gallons for which construction, reconstruction, or modification commenced after July 23, 1984. Storage vessels do not store volatile organic liquid and/or has not been modified after July 23, 1984.</p>
	<p>Storage Vessels NESHAP for Source Categories Subpart Y – Storage Vessel Provisions 40 CFR 61.270(a)</p> <p>Storage Vessels NESHAP Subpart FF – Benzene Waste Operations, Storage Vessel Provisions 40 CFR 61.340</p>
UTIL/GAS-CP UTIL/GAS-RF	<p>Storage Vessels DOES NOT APPLY – Storage vessels do not store industrial grade or refined benzene.</p> <p>Storage Vessels DOES NOT APPLY – The provisions of this subpart apply only to waste management units. Storage vessels do not contain waste materials.</p> <p>Major Stationary Sources DOES NOT APPLY – A pollutant-specific emissions unit that does not use a control device to achieve compliance with an emission limitation or standard and/or does not have potential pre-control device emissions required to be classified as a major source is not subject to the provisions of this rule.</p>

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source	Notes
ID No:	Requirement
UTIL/PUMP P-6002	Emission Standard for Sulfur Dioxide Emission Limitations LAC 33:III.1503.C
UTIL/PUMP SHORE	Emission Standard for Sulfur Dioxide, CEM Requirements LAC 33:III.1511.A
	Control of Emissions of Nitrogen Oxides - Affected Facilities in the Baton Rouge Nonattainment Area and the Region of Influence LAC 33:III.2201.C.14
	Comprehensive Toxic Air Pollutants Emission Control Program LAC 33:III.5105.B.3.c
	NSPS Subpart D - Standards of Performance for Fossil-Fuel-Fired Steam Generators 40 CFR 60.40(a) and 60.41(a)
	NSPS Subpart Da - Standards of Performance for Electric Utility Steam Generating Units 40 CFR 60.41a
	NSPS Subpart Db - Standards of Performance for Industrial - Commercial - Institutional Steam Generating Units 40 CFR 60.40b(a) and 60.41b
	NSPS Subpart Dc - Standards of Performance for Small Industrial - Commercial - Institutional Steam Generating Units 40 CFR 60.40c(a) and 60.41c
	NSPS Subpart GG - Standards of Performance for Stationary Gas Turbines 40 CFR 60.331(a)
	NSPS Subpart IIII - Standards of Performance for Compression Ignition Internal Combustion Engines 40 CFR 60.4200(a)(2)
	NSPS Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines 40 CFR 60.4230
	EXEMPT - Units emitting less than 250 tpy SO ₂ are exempt. Unit emits less than 250 tpy SO ₂ .
	EXEMPT - CEM is not required for flares and sources emitting less than 100 tpy of SO ₂ . Source emits less than 100 tpy SO ₂ .
	EXEMPT - Diesel-fired stationary internal combustion engines are exempt from the NO _x RACT requirements.
	EXEMPT - Emissions from the combustion of gas streams as defined in LAC 33:III.5105.B.3c are exempt from the requirements of Chapter 51 Subpart A. MACT is not required.
	DOES NOT APPLY - The source does not meet the definition of a steam generating unit
	DOES NOT APPLY - The source does not meet the definition of a steam generating unit
	DOES NOT APPLY - The source does not meet the definition of a steam generating unit
	DOES NOT APPLY - The source does not meet the definition of a steam generating unit
	DOES NOT APPLY - The source does not meet the definition of a steam generating unit
	DOES NOT APPLY - The source does not meet the definition of a steam generating unit
	DOES NOT APPLY - No construction, reconstruction, or modification after July 11, 2005.
	DOES NOT APPLY - The source does not meet the definition of Spark Ignition Internal Combustion Engine.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source		Notes
ID No:	Requirement	Notes
UTIL/PUMP P-6002 UTIL/PUMP SHORE (Continued)	NESHAP for Source Categories Subpart ZZZZ - Stationary Reciprocating Internal Combustion Engines 40 CFR 63.6600(c)	DOES NOT APPLY - This source has not been constructed, reconstructed, or modified after June 12, 2006.
UTIL/TK0174 UTIL/TK0401 UTIL/TK0611 UTIL/TK0619 WCLA/TK0101 WCLA/TK0102 WCLA/TK0103 WCLA/TK0104 WCLA/TK0140	Control of Organic Compounds - Storage of Volatile Organic Compounds LAC 33:III.2103 NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110 NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a NSPS Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels 40 CFR 60.110b	EXEMPT - Storage vessels storing VOC with a maximum TVP < 1.5 psia are exempt from the provisions of this section except from LAC 33:III.2103 H.3 and 4. DOES NOT APPLY - The provisions of subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. Storage vessels do not store petroleum liquid and/or have not been modified between June 11, 1973 and May 18, 1978. DOES NOT APPLY - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. Storage vessels do not store petroleum liquid and/or have not been modified between May 18, 1978 and July 23, 1984. DOES NOT APPLY - The provisions of this subpart apply only to volatile organic liquid storage vessels with a capacity of less than 19,812 gallons for which construction, reconstruction, or modification commenced after July 23, 1984. Storage vessels do not store volatile organic liquid and/or has not been modified after July 23, 1984. DOES NOT APPLY - Storage vessel does not store industrial grade or refined benzene.
	NESHAP for Source Categories Subpart Y - Storage Vessel Provisions 40 CFR 61.270(a) NESHAP Subpart FF - Benzene Waste Operations 40 CFR 61.340	DOES NOT APPLY - The provisions of this subpart apply only to waste management units handling benzene waste generated by a petroleum refinery, chemical plant, or coke byproduct recovery plant. Storage vessels do not contain waste materials.

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Table 2. Explanation for Exemption Status or Non-Applicability of a Source	
ID No:	Notes
WCLA/SWDF WCLA/TK0021 WCLA/TK0022	Requirement Control of Organic Compounds – Oil/Water Separation LAC 33:III.2109.B.2 NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110 NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a NSPS Subpart QQQ – Standards of Performance for VOC Emissions From Petroleum Refinery Wastewater Systems NESHAP for Source Categories Subpart Y – Storage Vessel Provisions 40 CFR 61.270(a) NESHAP for Source Categories Subpart CC – Petroleum Refineries, Wastewater Provisions 40 CFR 63.647(a)
	EXEMPT – This source is a single or multiple compartment VOC/water separator which separates less than 200 gallons a day of materials containing volatile organic compounds. DOES NOT APPLY – The provisions of subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. Storage vessels do not store petroleum liquid and/or have not been modified between June 11, 1973 and May 18, 1978. DOES NOT APPLY – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. Storage vessels do not store petroleum liquid and/or have not been modified between May 18, 1978 and July 23, 1984. DOES NOT APPLY – Storage vessels subject to the requirements of NSPS Subpart Kb are not subject to the requirements of this subpart. DOES NOT APPLY – Storage vessel does not store industrial grade or refined benzene. DOES NOT APPLY – Wastewater streams having a benzene concentration of less than 10 ppmw (Group 2) are not regulated by this subpart.

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XI.	Table 2. Explanation for Exemption Status or Non-Applicability of a Source	Notes
ID No:	Requirement	
WCLA/TK0026 WCLA/TK0522 WCLA/TK0523 WCLA/TK0543 WCLA/TK0544	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	DOES NOT APPLY – The provisions of subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. Storage vessels do not store petroleum liquid and/or have not been modified between June 11, 1973 and May 18, 1978.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	DOES NOT APPLY – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. Storage vessels do not store petroleum liquid and/or have not been modified between May 18, 1978 and July 23, 1984.
	NESHAP for Source Categories Subpart Y – Storage Vessel Provisions 40 CFR 61.270(a)	DOES NOT APPLY – Storage vessel does not store industrial grade or refined benzene.
WCLA/TK0072	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	DOES NOT APPLY – The provisions of subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. Storage vessels do not store petroleum liquid and/or have not been modified between June 11, 1973 and May 18, 1978.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	DOES NOT APPLY – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. Storage vessels do not store petroleum liquid and/or have not been modified between May 18, 1978 and July 23, 1984.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels 40 CFR 60.110b(b) and (c)	EXEMPT – Storage vessel which do not meet capacity and/or TVP applicability criteria are exempt from the control requirements.

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Table 2. Explanation for Exemption Status or Non-Applicability of a Source		Notes
ID No:	Requirement	Notes
WCLA/TK0072 (Continued)	NESHAP for Source Categories Subpart Y – Storage Vessel Provisions 40 CFR 61.270(a)	DOES NOT APPLY – Storage vessel does not store industrial grade or refined benzene.
	NESHAP Subpart FF – Benzene Waste Operations 40 CFR 61.340	DOES NOT APPLY – The provisions of this subpart apply only to waste management units handling benzene waste generated by a petroleum refinery, chemical plant, or coke byproduct recovery plant.
WCLA/TK0202A WCLA/TK0202B WCLA/TK0204	Control of Organic Compounds – Storage of Volatile Organic Compounds LAC 33:III.2103	EXEMPT – Storage vessels storing VOC with a maximum TVP < 1.5 psia are exempt from the provisions of this section except from LAC 33:III.2103.H.3 and 4.
	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	DOES NOT APPLY – The provisions of subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. Storage vessels do not store petroleum liquid and/or have not been modified between June 11, 1973 and May 18, 1978.
WCLA/TK0301A WCLA/TK0301B WCLA/TK0302A WCLA/TK0302B WCLA/TK0459 WCLA/TK0552 WCLA/TK0602	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	DOES NOT APPLY – The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. Storage vessels do not store petroleum liquid and/or have not been modified between May 18, 1978 and July 23, 1984.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels 40 CFR 60.110b	DOES NOT APPLY – The provisions of this subpart apply only to volatile organic liquid storage vessels with a capacity of less than 19,812 gallons for which construction, reconstruction, or modification commenced after July 23, 1984. Storage vessels do not store volatile organic liquid and/or has not been modified after July 23, 1984.
WCLA/TK0602	NESHAP for Source Categories Subpart Y – Storage Vessel Provisions 40 CFR 61.270(a)	DOES NOT APPLY – Storage vessel does not store industrial grade or refined benzene.
	NESHAP Subpart FF – Benzene Waste Operations 40 CFR 61.340	DOES NOT APPLY – The provisions of this subpart apply only to waste management units handling benzene waste generated by a petroleum refinery, chemical plant, or coke byproduct recovery plant.

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XI. ID No:	Table 2. Explanation for Exemption Status or Non-Applicability of a Source	Notes
	Requirement	
WCLA/TK0414 WCLA/TK0548 WCLA/TK0549	NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	DOES NOT APPLY - The provisions of subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. Storage vessels do not store petroleum liquid and/or have not been modified between June 11, 1973 and May 18, 1978.
	NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	DOES NOT APPLY - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. Storage vessels do not store petroleum liquid and/or have not been modified between May 18, 1978 and July 23, 1984.
	NSPS Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels 40 CFR 60.110b(b) and (c)	EXEMPT - Storage vessel which do not meet capacity and/or TVP applicability criteria are exempt from the control requirements.
	NESHAP for Source Categories Subpart Y - Storage Vessel Provisions 40 CFR 61.270(a)	DOES NOT APPLY - Storage vessel does not store industrial grade or refined benzene.
	NESHAP Subpart FF - Benzene Waste Operations 40 CFR 61.340	DOES NOT APPLY - The provisions of this subpart apply only to waste management units handling benzene waste generated by a petroleum refinery, chemical plant, or coke byproduct recovery plant.

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XI.	Table 2. Explanation for Exemption Status or Non-Applicability of a Source	Notes
ID No:	Requirement	
WCLA/TK0546	NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110	DOES NOT APPLY - The provisions of subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. Storage vessels do not store petroleum liquid and/or have not been modified between June 11, 1973 and May 18, 1978.
	NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a	DOES NOT APPLY - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. Storage vessels do not store petroleum liquid and/or have not been modified between May 18, 1978 and July 23, 1984.
	NSPS Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels 40 CFR 60.110b	DOES NOT APPLY - The provisions of this subpart apply only to volatile organic liquid storage vessels with a capacity of less than 19,812 gallons for which construction, reconstruction, or modification commenced after July 23, 1984. Storage vessels do not store volatile organic liquid and/or has not been modified after July 23, 1984.
	NESHAP for Source Categories Subpart Y - Storage Vessel Provisions 40 CFR 61.270(a)	DOES NOT APPLY - Storage vessel does not store industrial grade or refined benzene.
	NESHAP Subpart FF - Benzene Waste Operations 40 CFR 61.340	DOES NOT APPLY - The provisions of this subpart apply only to waste management units handling benzene waste generated by a petroleum refinery, chemical plant, or coke byproduct recovery plant.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source	
ID No:	Requirement
WCLA/TK0603 WCLA/TK0604 WCLA/TK0650 WCLA/TK0654 WCLA/TK0695 WCLA/TK0801 WCLA/TK0804 WCLA/TK0808 WCLA/TK0810 WCLA/TK1211 WCLA/TK1232	<p>Control of Organic Compounds - Storage of Volatile Organic Compounds LAC 33:III.2103</p> <p>NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110</p> <p>NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a</p> <p>NSPS Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels 40 CFR 60.110b</p> <p>NESHAP for Source Categories Subpart Y - Storage Vessel Provisions 40 CFR 61.270(a)</p> <p>NESHAP Subpart FF - Benzene Waste Operations 40 CFR 61.340</p>
	<p>Notes</p> <p>EXEMPT - Storage vessels storing VOC with a maximum TVP < 1.5 psia are exempt from the provisions of this section except from LAC 33:III.2103.H.3 and 4.</p> <p>DOES NOT APPLY - The provisions of subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. Storage vessels do not store petroleum liquid and/or have not been modified between June 11, 1973 and May 18, 1978.</p> <p>DOES NOT APPLY - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. Storage vessels do not store petroleum liquid and/or have not been modified between May 18, 1978 and July 23, 1984.</p> <p>DOES NOT APPLY - The provisions of this subpart apply only to volatile organic liquid storage vessels with a capacity of less than 19,812 gallons for which construction, reconstruction, or modification commenced after July 23, 1984. Storage vessels do not store volatile organic liquid and/or has not been modified after July 23, 1984.</p> <p>DOES NOT APPLY - Storage vessel does not store industrial grade or refined benzene.</p> <p>DOES NOT APPLY - The provisions of this subpart apply only to waste management units handling benzene waste generated by a petroleum refinery, chemical plant, or coke byproduct recovery plant.</p>

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XI. ID No.	Table 2. Explanation for Exemption Status or Non-Applicability of a Source Requirement	Notes
WCLA/TK0659	<p>NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110</p> <p>NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a</p> <p>NSPS Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels 40 CFR 60.110b</p> <p>NESHAP for Source Categories Subpart Y - Storage Vessel Provisions 40 CFR 61.270(a)</p> <p>Control of Organic Compounds - Storage of Volatile Organic Compounds LAC 33:III.2103</p>	<p>DOES NOT APPLY - The provisions of subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. Storage vessels do not store petroleum liquid and/or have not been modified between June 11, 1973 and May 18, 1978.</p> <p>DOES NOT APPLY - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. Storage vessels do not store petroleum liquid and/or have not been modified between May 18, 1978 and July 23, 1984.</p> <p>DOES NOT APPLY - The provisions of this subpart apply only to volatile organic liquid storage vessels with a capacity of less than 19,812 gallons for which construction, reconstruction, or modification commenced after July 23, 1984. Storage vessels do not store volatile organic liquid and/or has not been modified after July 23, 1984.</p> <p>DOES NOT APPLY - Storage vessel does not store industrial grade or refined benzene.</p>
WCLA/TK0807	<p>Control of Organic Compounds - Storage of Volatile Organic Compounds LAC 33:III.2103</p> <p>NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110</p>	<p>EXEMPT - Storage vessels storing VOC with a maximum TVP < 1.5 psia are exempt from the provisions of this section except from LAC 33:III.2103.H.3 and 4.</p> <p>DOES NOT APPLY - The provisions of subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. Storage vessels do not store petroleum liquid and/or have not been modified between June 11, 1973 and May 18, 1978.</p>

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source	
ID No:	Notes
WCLA/TK0807 (Continued)	Requirement NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a NSPS Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels 40 CFR 60.110b NESHAP for Source Categories Subpart Y - Storage Vessel Provisions 40 CFR 61.270(a) NESHAP Subpart FF - Benzene Waste Operations 40 CFR 61.340 Control of Organic Compounds - Storage of Volatile Organic Compounds LAC 33:III.2103
WCLA/TK0809	DOES NOT APPLY - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. Storage vessels do not store petroleum liquid and/or have not been modified between May 18, 1978 and July 23, 1984. DOES NOT APPLY - The provisions of this subpart apply only to volatile organic liquid storage vessels with a capacity of less than 19,812 gallons for which construction, reconstruction, or modification commenced after July 23, 1984. Storage vessels do not store volatile organic liquid and/or has not been modified after July 23, 1984. DOES NOT APPLY - Storage vessel does not store industrial grade or refined benzene. DOES NOT APPLY - The provisions of this subpart apply only to waste management units handling benzene waste generated by a petroleum refinery, chemical plant, or coke byproduct recovery plant. EXEMPT - Storage vessels storing VOC with a maximum TVP < 1.5 psia are exempt from the provisions of this section except from LAC 33:III.2103.H.3 and 4. DOES NOT APPLY - The provisions of subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. Storage vessels do not store petroleum liquid and/or have not been modified between June 11, 1973 and May 18, 1978. DOES NOT APPLY - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. Storage vessels do not store petroleum liquid and/or have not been modified between May 18, 1978 and July 23, 1984.

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Table 2. Explanation for Exemption Status or Non-Applicability of a Source	
ID No:	Notes
WCLA/TK0809 (Continued)	Requirement NSPS Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels 40 CFR 60.110b NESHAP for Source Categories Subpart Y - Storage Vessel Provisions 40 CFR 61.270(a) NESHAP Subpart FF - Benzene Waste Operations 40 CFR 61.340
WCKA/WKRF1	Control of Organic Compounds - Storage of Volatile Organic Compounds LAC 33:III.2103 NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110 NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a
	DOES NOT APPLY - The provisions of this subpart apply only to volatile organic liquid storage vessels with a capacity of less than 19,812 gallons for which construction, reconstruction, or modification commenced after July 23, 1984. Storage vessels do not store volatile organic liquid and/or has not been modified after July 23, 1984. DOES NOT APPLY - Storage vessel does not store industrial grade or refined benzene. DOES NOT APPLY - The provisions of this subpart apply only to waste management units handling benzene waste generated by a petroleum refinery, chemical plant, or coke byproduct recovery plant. EXEMPT - Storage vessels storing VOC with a maximum TVP < 1.5 psia are exempt from the provisions of this section except from LAC 33:III.2103.H.3 and 4. DOES NOT APPLY - The provisions of subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. Storage vessels do not store petroleum liquid and/or have not been modified between June 11, 1973 and May 18, 1978. DOES NOT APPLY - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. Storage vessels do not store petroleum liquid and/or have not been modified between May 18, 1978 and July 23, 1984. DOES NOT APPLY - The provisions of this subpart apply only to volatile organic liquid storage vessels with a capacity of less than 19,812 gallons for which construction, reconstruction, or modification commenced after July 23, 1984. Storage vessels do not store volatile organic liquid and/or has not been modified after July 23, 1984.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source	Requirement	Notes
WCLA/WLRF1 (Continued)	<p>NESHAP for Source Categories Subpart Y - Storage Vessel Provisions 40 CFR 61.270(a)</p> <p>NESHAP for Source Categories Subpart CC - Petroleum Refineries, Storage Vessel Provisions 40 CFR 63.641</p>	<p>DOES NOT APPLY - Storage vessel does not store industrial grade or refined benzene.</p> <p>DOES NOT APPLY - Vessels with capacities smaller than 40 cubic meters (10,567 gallons) are not subject to this subpart.</p>
WCLA/WLRF2	<p>Control of Organic Compounds - Storage of Volatile Organic Compounds LAC 33:III.2103</p> <p>NSPS Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110</p>	<p>EXEMPT - Storage vessels storing VOC with a maximum TVP < 1.5 psia are exempt from the provisions of this section except from LAC 33:III.2103.H.3 and 4.</p> <p>DOES NOT APPLY - The provisions of subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. Storage vessels do not store petroleum liquid and/or have not been modified between June 11, 1973 and May 18, 1978.</p>
	<p>NSPS Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids 40 CFR 60.110a</p>	<p>DOES NOT APPLY - The provisions of this subpart apply only to storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. Storage vessels with a capacity of less than 40,000 gallons are not subject to this subpart. Storage vessels do not store petroleum liquid and/or have not been modified between May 18, 1978 and July 23, 1984.</p>
	<p>NSPS Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels 40 CFR 60.110b(b) and (c)</p>	<p>EXEMPT - Storage vessel which do not meet capacity and/or TVP applicability criteria are exempt from the control requirements.</p>
	<p>NESHAP for Source Categories Subpart Y - Storage Vessel Provisions 40 CFR 61.270(a)</p> <p>NESHAP for Source Categories Subpart CC - Petroleum Refineries, Miscellaneous Process Vents 40 CFR 63.641 and 63.647(a)</p>	<p>DOES NOT APPLY - Storage vessel does not store industrial grade or refined benzene.</p> <p>DOES NOT APPLY - Storage vessels used to store Group 2 wastewater streams are not addressed in Subpart CC. Storage vessel used to store Group 2 wastewater stream.</p>

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Table 2. Explanation for Exemption Status or Non-Applicability of a Source	
ID No:	Notes
WCLA/HL - WCLA Heavy Liquid Fugitive Emissions Requirement NSPS for Equipment Leaks of VOC in Petroleum Refineries - Subpart GGG 40 CFR 60.590(b)	EXEMPT - The provisions of this subpart apply to affected facilities in petroleum refineries that commence construction or modification after January 4, 1983. Complex has not been modified (as defined under the regulation) after January 4, 1983. EXEMPT - Complex does not have streams that contain >= 10% by weight benzene.
NESHAP Subpart J - National Emission Standard for Equipment Leaks of Benzene 40 CFR 61.110(c)(3)	DOES NOT APPLY - Complex does not have streams that contain >= 10% by weight benzene.
NESHAP Subpart V - National Emission Standard for Equipment Leaks of VHAP 40 CFR 61.240(a)	DOES NOT APPLY - Complex does not have streams that contain >= 10% by weight benzene.

The above table provides explanation for both the exemption status or non-applicability of a source cited by 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

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- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]
- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];
 2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];
 3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and

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4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]
- I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit. [Reference 40 CFR 70.6(a)(3)(ii)(B)]
- J. Records of required monitoring shall include the following:
1. the date, place as defined in the permit, and time of sampling or measurements;
 2. the date(s) analyses were performed;
 3. the company or entity that performed the analyses;
 4. the analytical techniques or methods used;
 5. the results of such analyses; and
 6. the operating conditions as existing at the time of sampling or measurement.
- [Reference 40 CFR 70.6(a)(3)(ii)(A)]
- K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]
- L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]
- M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]
- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an emergency occurred and the cause was identified; 2) the permitted facility was being operated

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properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]

- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]
- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]
- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
 2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
 3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;
 4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;
 5. changes in emissions would not qualify as a significant modification; and
 6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]
- R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Enforcement Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).
1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33:III. Chapter 39.
 2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a

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written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:

- a. Report by June 30 to cover January through March
- b. Report by September 30 to cover April through June
- c. Report by December 31 to cover July through September
- d. Report by March 31 to cover October through December

4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]

S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]

T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:

1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;
2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;
3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;
4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and
6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]

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- U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]

- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

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- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.
- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.
- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire received December 19, 2007 and additional information dated April 4, 2008 and July 9, 2008.
- IV. This permit shall become invalid, for the sources not constructed, if:
- A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
 - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.
- The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.
- This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.
- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.
- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.
- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Enforcement Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Enforcement Division with a written report as specified below.
- A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 - B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 - C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
 - 1. Report by June 30 to cover January through March
 - 2. Report by September 30 to cover April through June
 - 3. Report by December 31 to cover July through September
 - 4. Report by March 31 to cover October through December

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- D. Each report submitted in accordance with this condition shall contain the following information:
1. Description of noncomplying emission(s);
 2. Cause of noncompliance;
 3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
 4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
 5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.
- E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.
- XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:
- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
 - B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
 - C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
 - D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.
- XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.
- XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.
- XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services in accordance with LAC 33:I.Chapter 19.Facility Name and Ownership/Operator Changes Process.
- XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:
1. Generally be less than 5 TPY
 2. Be less than the minimum emission rate (MER)
 3. Be scheduled daily, weekly, monthly, etc., or
 4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

- XVIII. Provisions of the permit may be appealed to the secretary in writing pursuant to La. R.S. 30:2024(A) within 30 days from notice of the permit action. A request may be made to the secretary to suspend those provisions of the permit specifically appealed. The permit remains in effect to the extent that the secretary or assistant secretary does not elect to suspend the appealed provisions as requested or, at his discretion, other permit provisions as well. Construction cannot proceed, except as specifically approved by the secretary or assistant secretary, until a final decision has been rendered on the appeal. A request for hearing must be sent to the Office of the Secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

- XIX. For Part 70 sources, certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

General Information

AI ID: 2638 ExxonMobil Refining & Supply Co - Baton Rouge Refinery
Activity Number: PER20070027
Permit Number: 2363-V2
Air - Title V Regular Permit Minor Mod

Also Known As:

ID	Name	User Group	Start Date
0840-00015	ExxonMobil Refining & Supply Co - Baton Rouge Refinery	CDS Number	11-28-2000
13-5409005	Federal Tax ID	Federal Tax ID	11-20-1999
LAD062662887	Exxon Co USA - Baton Rouge Refinery	Hazardous Waste Notification	11-19-1980
PC/CA	GPRA Baselines	Hazardous Waste Permitting	10-01-1997
00333	Baton Rouge Refinery	Inactive & Abandoned Sites	02-21-1980
LAD062662887	Exxon Co USA - Baton Rouge Refinery	Inactive & Abandoned Sites	02-21-1980
LA0005584	LPDES #	LPDES Permit #	06-25-2003
LAR05N757	LPDES #	LPDES Permit #	10-12-2006
WP0592	LWDPS #	LWDPS Permit #	06-25-2003
1345	Priority 1 Emergency Site	Priority 1 Emergency Site	07-18-2006
D-033-9777	X-Ray Registration Number	Radiation X-ray Registration Number	11-21-1999
G-033-5407	Exxon Co USA	Solid Waste	01-08-2002
GD-033-0596	SW ID #	Solid Waste Facility No.	11-21-1999
0840A0210	SW ID#	Solid Waste Facility No.	04-30-2001
100178	Stage II Vapor Recovery	Stage II Vapor Recovery	08-19-2002
34448	Humble Oil & Refining Co	TEMPO Merge	11-10-2002
44847	ExxonMobil Refining & Supply Co	TEMPO Merge	07-11-2001
47223	Exxon Co USA - Baton Rouge Refinery	TEMPO Merge	07-15-2001
70805XXNB74050S	Exxon Co USA - Baton Rouge Refinery	TEMPO Merge	07-15-2001
1218	TRI #	Toxic Release Inventory	07-12-2004
1751	UST Case History Case Number	UST Case Number	11-21-1999
743	UST Case History Case Number	UST Case Number	11-21-1999
17004239	UST Facility ID (from UST legacy data)	UST Case Number	11-21-1999
		UST FID #	10-11-2002

Physical Location:

4045 Scenic Hwy
 Baton Rouge, LA 70805

Main FAX: 2259777619
 Main Phone: 2259777848

Mailing Address:

PO Box 551
 Baton Rouge, LA 708210551

Location of Front Gate:

30° 29' 30" 23 hundredths latitude, 91° 10' 8" 31 hundredths longitude, Coordinate Method: GPS Code (Pseudo Range) Differential, Coordinate Datum: NAD83

Related People:

Name	Mailing Address	Phone (Type)	Relationship
Richard Cotton	PO Box 551 Baton Rouge, LA 708210551	2259778337 (WP)	Water Permit Contact For
Richard Cotton	PO Box 551 Baton Rouge, LA 708210551	2259778337 (WP)	Solid Waste Permit Contact for

TPOR0148

General Information

AI ID: 2638 ExxonMobil Refining & Supply Co - Baton Rouge Refinery
 Activity Number: PER20070027
 Permit Number: 2363-V2
 Air - Title V Regular Permit Minor Mod

Related People:

Name	Mailing Address	Phone (Type)	Relationship
Richard Cotton	PO Box 551 Baton Rouge, LA 708210551	2259778337 (WP)	Underground Storage Tank Contact for
Richard Cotton	PO Box 551 Baton Rouge, LA 708210551	2259778337 (WP)	Solid Waste Billing Party for
Stan Labat	PO Box 551 Baton Rouge, LA 708210551	2259777226 (WP)	Emission Inventory Contact for
Stan Labat	PO Box 551 Baton Rouge, LA 708210551	stan.n.labat@exxon	Emission Inventory Contact for
Paul Leinweber	PO Box 551 Baton Rouge, LA 708210551	2259778873 (WP)	Accident Prevention Contact for
Paul Leinweber	PO Box 551 Baton Rouge, LA 708210551	2259771579 (WF)	Accident Prevention Billing Party for
Paul Leinweber	PO Box 551 Baton Rouge, LA 708210551	2259771579 (WF)	Accident Prevention Contact for
Paul Leinweber	PO Box 551 Baton Rouge, LA 708210551	2259778873 (WP)	Accident Prevention Billing Party for
Stan Vanderleeuw	PO Box 551 Baton Rouge, LA 708210551	2259777848 (WP)	Responsible Official for
Ralph Willis	4999 Scenic Hwy Baton Rouge, LA 70805	2259778423 (WP)	Radiation Contact For
Ralph Willis	4999 Scenic Hwy Baton Rouge, LA 70805	2259778423 (WP)	Radiation Registration Billing Party for

Related Organizations:

Name	Address	Phone (Type)	Relationship
ExxonMobil Corp	PO Box 551 Baton Rouge, LA 708210551		Owns
ExxonMobil Refining & Supply Co	PO Box 551 Baton Rouge, LA 708210551	2259778430 (WP)	Owns
ExxonMobil Refining & Supply Co	PO Box 551 Baton Rouge, LA 708210551	2259778430 (WP)	Operates
ExxonMobil Refining & Supply Co	PO Box 551 Baton Rouge, LA 708210551	2259778430 (WP)	UST Billing Party for
ExxonMobil Refining & Supply Co	PO Box 551 Baton Rouge, LA 708210551	2259778430 (WP)	Air Billing Party for
ExxonMobil Refining & Supply Co	PO Box 551 Baton Rouge, LA 708210551	2259778430 (WP)	Stage II Vapor Recovery Billing Party for
ExxonMobil Refining & Supply Co	PO Box 551 Baton Rouge, LA 708210551	2259778430 (WP)	Water Billing Party for
ExxonMobil Refining & Supply Co	PO Box 551 Baton Rouge, LA 708210551	2259778430 (WP)	Emission Inventory Billing Party

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-3247 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery
Activity Number: PER20070027
Permit Number: 2363-V2
Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Entire Facility						
ARE0009	WCLA-OFFSITES - WCLA Offsites (Area Emissions)					8760 hr/yr (All Year)
ARE0022	WCLA-ONSITES - WCLA Onsites (Area Emissions)					8760 hr/yr (All Year)
EQ10522	UTILGAS-CP - Gasoline Vehicle Refueling Service for Chemical Plant			66000 gallons/yr		8760 hr/yr (All Year)
EQ10523	UTILGAS-RF - Gasoline Vehicle Refueling Service for the Refinery			370000 gallons/yr		8760 hr/yr (All Year)
EQ10524	UTILD100 - UTILD100	45 bbl				8760 hr/yr (All Year)
EQ10525	UTILD200 - UTILD200	45 bbl				8760 hr/yr (All Year)
EQ10526	UTILD300 - UTILD300	45 bbl				8760 hr/yr (All Year)
EQ10527	UTILT0401 - UTILT0401	805 bbl				8760 hr/yr (All Year)
EQ10528	UTILT0611 - UTILT0611	559 bbl				8760 hr/yr (All Year)
EQ10529	WCLATK0021 - WCLATK0021	149460 bbl				8760 hr/yr (All Year)
EQ10530	WCLATK0022 - WCLATK0022	150840 bbl				8760 hr/yr (All Year)
EQ10531	WCLATK0026 - WCLATK0026	80640 bbl				8760 hr/yr (All Year)
EQ10532	WCLATK0072 - WCLATK0072	17640 bbl				8760 hr/yr (All Year)
EQ10533	WCLATK101 - WCLATK101 - NEUTRALIZATION TANK	788 bbl				8760 hr/yr (All Year)
EQ10534	WCLATK102 - WCLATK102 - AGGRESSIVE BIOLOGICAL TREATMENT	119788 bbl				8760 hr/yr (All Year)
EQ10535	WCLATK103 - MIXING	504 bbl				8760 hr/yr (All Year)
EQ10536	WCLATK104 - FLOCCULATION	5054 bbl				8760 hr/yr (All Year)
EQ10537	WCLATK202A - PRETREAT AIR FLOATION	12600 bbl				8760 hr/yr (All Year)
EQ10538	WCLATK202B - PRETREAT AIR FLOATION	12600 bbl				8760 hr/yr (All Year)
EQ10539	WCLATK204 - A-DAF FLOAT	203 bbl				8760 hr/yr (All Year)
EQ10540	WCLATK301A - BIOD AERATION				Tank capacity is 2,336,970 bbl	8760 hr/yr (All Year)
EQ10541	WCLATK301B - BIOD AERATION				Tank capacity is 2,336,970 bbl	8760 hr/yr (All Year)
EQ10542	WCLATK302A - BIOD CLARIFIERS	28000 bbl				8760 hr/yr (All Year)
EQ10543	WCLATK302B - BIOD CLARIFIERS	28000 bbl				8760 hr/yr (All Year)
EQ10544	WCLATK0414 - WCLATK0414	24192 bbl				8760 hr/yr (All Year)
EQ10545	WCLATK0459 - WCLATK0459	17640 bbl				8760 hr/yr (All Year)
EQ10546	WCLATK0522 - WCLATK0522	20160 bbl				8760 hr/yr (All Year)
EQ10547	WCLATK0523 - WCLATK0523	20160 bbl				8760 hr/yr (All Year)
EQ10548	WCLATK0543 - WCLATK0543	4536 bbl				8760 hr/yr (All Year)
EQ10549	WCLATK0544 - WCLATK0544	4660 bbl				8760 hr/yr (All Year)
EQ10550	WCLATK0546 - WCLATK0546	420 bbl				8760 hr/yr (All Year)
EQ10551	WCLATK0548 - WCLATK0548	2520 bbl				8760 hr/yr (All Year)
EQ10552	WCLATK0549 - WCLATK0549	2520 bbl				8760 hr/yr (All Year)
EQ10553	WCLATK0552 - WCLATK0552	2188 bbl				8760 hr/yr (All Year)
EQ10554	WCLATK0602 - B-DAF CLARIFIED WATER	315 bbl				8760 hr/yr (All Year)
EQ10555	WCLATK0603 - ROTARY SLUDGE THICKENER (RST)	784 bbl				8760 hr/yr (All Year)
EQ10556	WCLATK0604 - B-DAF FLOAT	113 bbl				8760 hr/yr (All Year)
EQ10557	WCLATK0650 - WCLATK0650	70 bbl				8760 hr/yr (All Year)

INVENTORIES

AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery
Activity Number: PER20070027
Permit Number: 2363-V2
Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Entire Facility						
EQT0558	WCLA/TK0654 - WCLA/TK0654	35 bbl				8760 hr/yr (All Year)
EQT0559	WCLA/TK0659 - WCLA/TK0659	8064 bbl				8760 hr/yr (All Year)
EQT0560	WCLA/TK0695 - WCLA/TK0695	2100 bbl				8760 hr/yr (All Year)
EQT0561	WCLA/TK0801 - WCLA/TK0801	1893 bbl				8760 hr/yr (All Year)
EQT0562	WCLA/TK0804 - WCLA/TK0804	504 bbl				8760 hr/yr (All Year)
EQT0563	WCLA/TK0807 - WCLA/TK0807	860 bbl				8760 hr/yr (All Year)
EQT0564	WCLA/TK0808 - WCLA/TK0808	394 bbl				8760 hr/yr (All Year)
EQT0565	WCLA/TK0809 - WCLA/TK0809	688 bbl				8760 hr/yr (All Year)
EQT0566	WCLA/TK0810 - WCLA/TK0810	1050 bbl				8760 hr/yr (All Year)
EQT0567	WCLA/TK1211 - WCLA/TK1211	25120 bbl				8760 hr/yr (All Year)
EQT0568	WCLA/TK1232 - WCLA/TK1232	758 bbl				8760 hr/yr (All Year)
EQT0570	WCLAWW - WCLA Sewer Vents					8760 hr/yr (All Year)
EQT0571	FIRE/GEN - Fire Station Emergency Generator		300 horsepower	300 horsepower		75 hr/yr (All Year)
EQT0572	FIRE/PUMP DP-5 - Diesel Powered Firewater Pump DP-5		460 horsepower	460 horsepower		525 hr/yr (All Year)
EQT0573	FIRE/PUMP DP-9 - Diesel Powered Firewater Pump DP-9		460 horsepower	460 horsepower		525 hr/yr (All Year)
EQT0574	SEC/GEN - Security Office Emergency Generator		130 horsepower	130 horsepower		75 hr/yr (All Year)
EQT0575	UTIL/GEN SHORE - Shore Emergency Generator		166 horsepower	166 horsepower		250 hr/yr (All Year)
EQT0576	UTIL/PAC1 - Permanently Installed Portable Air Compressor #1		475 horsepower	475 horsepower	Stationary compression Ignition engine-displacement less than 10 liter/cylinder	2000 hr/yr (All Year)
EQT0577	UTIL/PAC10 - Permanently Installed Portable Air Compressor #10		489 horsepower	489 horsepower		2000 hr/yr (All Year)
EQT0578	UTIL/PAC11 - Permanently Installed Portable Air Compressor #11		489 horsepower	489 horsepower		2000 hr/yr (All Year)
EQT0579	UTIL/PAC12 - Permanently Installed Portable Air Compressor #12		489 horsepower	489 horsepower		2000 hr/yr (All Year)
EQT0580	UTIL/PAC2 - Permanently Installed Portable Air Compressor #2		475 horsepower	475 horsepower	Stationary compression Ignition engine-displacement less than 10 liter/cylinder	2000 hr/yr (All Year)
EQT0581	UTIL/PAC3 - Permanently Installed Portable Air Compressor #3		475 horsepower	475 horsepower	Stationary compression Ignition engine-displacement less than 10 liter/cylinder	2000 hr/yr (All Year)
EQT0582	UTIL/PAC4 - Permanently Installed Portable Air Compressor #4		475 horsepower	475 horsepower	Stationary compression Ignition engine-displacement less than 10 liter/cylinder	2000 hr/yr (All Year)
EQT0583	UTIL/PAC5 - Permanently Installed Portable Air Compressor #5		475 horsepower	475 horsepower	Stationary compression Ignition engine-displacement less than 10 liter/cylinder	2000 hr/yr (All Year)
EQT0584	UTIL/PAC6 - Permanently Installed Portable Air Compressor #6		475 horsepower	475 horsepower		2000 hr/yr (All Year)
EQT0585	UTIL/PAC7 - Permanently Installed Portable Air Compressor #7		489 horsepower	489 horsepower		2000 hr/yr (All Year)
EQT0586	UTIL/PAC8 - Permanently Installed Portable Air Compressor #8		489 horsepower	489 horsepower		2000 hr/yr (All Year)

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Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Entire Facility						
EQT0587	UTIL/PAC9 - Permanently Installed Portable Air Compressor #9		489 horsepower	489 horsepower		2000 hr/yr (All Year)
EQT0588	UTIL/PUMP P-6002 - Diesel Powered Firewater P-6002		1000 horsepower	1000 horsepower		800 hr/yr (All Year)
EQT0589	UTIL/PUMP SHORE - Diesel Powered Firewater Pump Shore		800 horsepower	800 horsepower		250 hr/yr (All Year)
EQT0603	UTIL/TK0174 - UTIL/TK0174	35790 bbl				8760 hr/yr (All Year)
EQT0604	UTIL/TK0619 - UTIL/TK0619	21151 bbl				8760 hr/yr (All Year)
EQT0605	WCLAWLRF1 - Wax Lube Recycling Container					8760 hr/yr (All Year)
EQT0606	WCLAWLRF2 - Wax Lube Recycling Container					8760 hr/yr (All Year)
FUG0012	WCLA/HL - WCLA Heavy Liquid Fugitive Emissions					8760 hr/yr (All Year)

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Entire Facility							
EQT0524	UTIL/D100 - UTIL/D100			9		4	
EQT0525	UTIL/D200 - UTIL/D200			9		4	
EQT0526	UTIL/D300 - UTIL/D300			9		4	
EQT0527	UTIL/TK0401 - UTIL/TK0401			24		10	
EQT0528	UTIL/TK0611 - UTIL/TK0611			20		10	
EQT0529	WCLATK0021 - WCLATK0021			173		36	
EQT0530	WCLATK0022 - WCLATK0022			150		48	
EQT0531	WCLATK0026 - WCLATK0026			120		40	
EQT0532	WCLATK0072 - WCLATK0072			60		31	
EQT0533	WCLATK0101 - WCLATK0101 - NEUTRALIZATION TANK			15		25	
EQT0534	WCLATK0102 - WCLATK0102 - AGGRESSIVE BIOLOGICAL TREATMENT			185		25	
EQT0535	WCLATK0103 - MIXING			12		25	
EQT0536	WCLATK0104 - FLOCCULATION			38		25	
EQT0537	WCLATK020A - PRETREAT AIR FLOATATION			75		16	
EQT0538	WCLATK020B - PRETREAT AIR FLOATATION			75		16	
EQT0539	WCLATK0204 - A-DAF FLOAT			11		12	
EQT0540	WCLATK0301A - BIOX AERATION			323		160	
EQT0541	WCLATK0301B - BIOX AERATION			323		160	
EQT0542	WCLATK0302A - BIOX CLARIFIERS			140		10	
EQT0543	WCLATK0302B - BIOX CLARIFIERS			140		10	
EQT0544	WCLATK0414 - WCLATK0414			60		48	

INVENTORIES
AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery
Activity Number: PER20070027
Permit Number: 2363-V2
Air - Title V Regular Permit Minor Mod

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Entire Facility							
EQT0545	WCLATK0459 - WCLATK0459			60		35	
EQT0546	WCLATK0522 - WCLATK0522			60		40	
EQT0547	WCLATK0523 - WCLATK0523			60		40	
EQT0548	WCLATK0543 - WCLATK0543			30		36	
EQT0549	WCLATK0544 - WCLATK0544			30		37	
EQT0550	WCLATK0546 - WCLATK0546			10		30	
EQT0551	WCLATK0548 - WCLATK0548			30		20	
EQT0552	WCLATK0549 - WCLATK0549			30		20	
EQT0553	WCLATK0552 - WCLATK0552			25		25	
EQT0554	WCLATK0602 - B-DAF CLARIFIED WATER			15		10	
EQT0555	WCLATK0603 - ROTARY SLUDGE THICKENER (RST)			20		14	
EQT0556	WCLATK0604 - B-DAF FLOAT			9		10	
EQT0557	WCLATK0650 - WCLATK0650			10		5	
EQT0558	WCLATK0654 - WCLATK0654			5		10	
EQT0559	WCLATK0659 - WCLATK0659			40		36	
EQT0560	WCLATK0695 - WCLATK0695			25		24	
EQT0561	WCLATK0801 - WCLATK0801			26		20	
EQT0562	WCLATK0804 - WCLATK0804			12		25	
EQT0563	WCLATK0807 - WCLATK0807			16		24	
EQT0564	WCLATK0808 - WCLATK0808			16		11	
EQT0565	WCLATK0809 - WCLATK0809			17		17	
EQT0566	WCLATK0810 - WCLATK0810			25		12	
EQT0567	WCLATK1211 - WCLATK1211			67		40	
EQT0568	WCLATK1232 - WCLATK1232			19		15	
EQT0571	FIRE/GEN - Fire Station Emergency Generator	39	453	.5		10	190
EQT0572	FIRE/PUMP DP-8 - Diesel Powered Firewater Pump DP-5	39	453	.5		10	190
EQT0573	FIRE/PUMP DP-9 - Diesel Powered Firewater Pump DP-9	39	453	.5		10	190
EQT0574	SEC/GEN - Security Office Emergency Generator	252	453	.2		8	190
EQT0575	UTIL/GEN SHORE - Shore Emergency Generator	39	453	.5		10	190
EQT0576	UTIL/PAC1 - Permanently Installed Portable Air Compressor #1	734.8	998.7	.17		12	988
EQT0577	UTIL/PAC10 - Permanently Installed Portable Air Compressor #10	186	246	.17		12	190
EQT0578	UTIL/PAC11 - Permanently Installed Portable Air Compressor #11	186	246	.17		12	190
EQT0579	UTIL/PAC12 - Permanently Installed Portable Air Compressor #12	186	246	.17		12	190
EQT0580	UTIL/PAC2 - Permanently Installed Portable Air Compressor #2	734.8	998.7	.17		12	988

INVENTORIES

AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery
Activity Number: PER20070027
Permit Number: 2363-V2
Air - Title V Regular Permit Minor Mod

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Entire Facility							
EQT0581	UTIL/PAC3 - Permanently Installed Portable Air Compressor #3	734.8	998.7	.17		12	988
EQT0582	UTIL/PAC4 - Permanently Installed Portable Air Compressor #4	734.8	998.7	.17		12	988
EQT0583	UTIL/PAC5 - Permanently Installed Portable Air Compressor #5	734.8	998.7	.17		12	988
EQT0584	UTIL/PAC6 - Permanently Installed Portable Air Compressor #6	734.8	998.7	.17		12	988
EQT0585	UTIL/PAC7 - Permanently Installed Portable Air Compressor #7	186	245	.17		12	180
EQT0586	UTIL/PAC8 - Permanently Installed Portable Air Compressor #8	186	246	.17		12	180
EQT0587	UTIL/PAC9 - Permanently Installed Portable Air Compressor #9	186	246	.17		12	180
EQT0588	UTIL/PUMP P-6002 - Diesel Powered Firewater P-6002	39	453	.5		15	190
EQT0589	UTIL/PUMP SHORE - Diesel Powered Firewater Pump Shore	39	453	.5		15	190
EQT0603	UTIL/TK0174 - UTIL/TK0174			80		40	
EQT0604	UTIL/TK0619 - UTIL/TK0619			80		24	

Relationships:

ID	Group Type	Group Description
CRG0020	Common Requirements Group	CRG20 - FIRE/GEN, FIRE/PUMP DP-5, FIRE/PUMP DP-9, SECR/GEN, UTIL/GEN SHORE, and UTIL/PAC 7-12
CRG0021	Common Requirements Group	CRG21 - UTIL/TK0100, UTIL/TKD200, and UTIL/TKD300
CRG0022	Common Requirements Group	CRG22 - UTIL/GAS-CP, and UTIL/GAS-RF
CRG0023	Common Requirements Group	CRG23 - UTIL/PAC1, UTIL/PAC2, UTIL/PAC3, UTIL/PAC4 UTIL/PAC 5, and UTIL/PAC 6
CRG0024	Common Requirements Group	CRG24 - UTIL/PUMP P-6002 and UTIL/PUMP SHORE
CRG0025	Common Requirements Group	CRG25 - UTIL/TK0174 UTIL/TK0401 UTIL/TK0611 UTIL/TK0619 WCLATK0101 WCLATK0102 WCLATK0103 and WCLATK0104
CRG0026	Common Requirements Group	CRG26 - WCLATK0021 and WCLATK022
CRG0027	Common Requirements Group	CRG27 - WCLATK0026 WCLATK0522, WCLATK0523, WCLATK0543, and WCLATK0544
CRG0028	Common Requirements Group	CRG28 - WCLATK0202A, B, 0204, 0301A, 0301B, 0302A, 0302B, 0459, 0552 and 0602
CRG0029	Common Requirements Group	CRG29 - WCLATK0414, WCLATK0548, and WCLATK0549
CRG0030	Common Requirements Group	CRG30 - WCLATK0603, 0604, 0650, 0654, 0695, 0801, 0804, 0808, 0810, 1211, and 1232
CRG0051	Common Requirements Group	CRG51 - WCLAWLRF1 and WCLAWLRF2
GRP0087	Equipment Group	WCLAOFFSITES TKS - WCLAOFFSITES TKS - WCLA Offsites Tanks
UNF0006	Unit or Facility Wide	UNF01 - Entire Facility

Group Membership:

ID	Description	Member of Groups
EQT0522	UTIL/GAS-CP - Gasoline Vehicle Refueling Service for Chemical Plant	CRG0000000022
EQT0523	UTIL/GAS-RF - Gasoline Vehicle Refueling Service for the Refinery	CRG0000000022

INVENTORIES

AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery
 Activity Number: PER20070027
 Permit Number: 2363-V2
 Air - Title V Regular Permit Minor Mod

Group Membership:

ID	Description	Member of Groups
EQ10524	UTIL/D100 - UTIL/D100	CRG0000000021, GRP00000000087
EQ10525	UTIL/D200 - UTIL/D200	CRG0000000021, GRP00000000087
EQ10526	UTIL/D300 - UTIL/D300	CRG0000000021, GRP00000000087
EQ10527	UTIL/K0401 - UTIL/K0401	CRG0000000025, GRP00000000087
EQ10528	UTIL/K0611 - UTIL/K0611	CRG0000000025, GRP00000000087
EQ10529	WCLAT/K0021 - WCLAT/K0021	CRG0000000026, GRP00000000087
EQ10530	WCLAT/K0022 - WCLAT/K0022	CRG0000000026, GRP00000000087
EQ10531	WCLAT/K0026 - WCLAT/K0026	CRG0000000027, GRP00000000087
EQ10532	WCLAT/K0072 - WCLAT/K0072	GRP00000000087
EQ10533	WCLAT/K0101 - WCLAT/K0101 - NEUTRALIZATION TANK	CRG0000000025, GRP00000000087
EQ10534	WCLAT/K0102 - WCLAT/K0102 - AGGRESSIVE BIOLOGICAL TREATMENT	CRG0000000025, GRP00000000087
EQ10535	WCLAT/K0103 - MIXING	CRG0000000025, GRP00000000087
EQ10536	WCLAT/K0104 - FLOCCULATION	CRG0000000028, GRP00000000087
EQ10537	WCLAT/K0202A - PRETREAT AIR FLOATATION	CRG0000000028, GRP00000000087
EQ10538	WCLAT/K0202B - PRETREAT AIR FLOATATION	CRG0000000028, GRP00000000087
EQ10539	WCLAT/K0204 - A-DAF FLOAT	CRG0000000028, GRP00000000087
EQ10540	WCLAT/K0301A - BIOX AERATION	CRG0000000028, GRP00000000087
EQ10541	WCLAT/K0301B - BIOX AERATION	CRG0000000028, GRP00000000087
EQ10542	WCLAT/K0302A - BIOX CLARIFIERS	CRG0000000028, GRP00000000087
EQ10543	WCLAT/K0302B - BIOX CLARIFIERS	CRG0000000028, GRP00000000087
EQ10544	WCLAT/K0414 - WCLAT/K0414	CRG0000000029, GRP00000000087
EQ10545	WCLAT/K0459 - WCLAT/K0459	CRG0000000028, GRP00000000087
EQ10546	WCLAT/K0522 - WCLAT/K0522	CRG0000000027, GRP00000000087
EQ10547	WCLAT/K0523 - WCLAT/K0523	CRG0000000027, GRP00000000087
EQ10548	WCLAT/K0543 - WCLAT/K0543	CRG0000000027, GRP00000000087
EQ10549	WCLAT/K0544 - WCLAT/K0544	CRG0000000027, GRP00000000087
EQ10550	WCLAT/K0546 - WCLAT/K0546	GRP00000000087
EQ10551	WCLAT/K0548 - WCLAT/K0548	CRG0000000029, GRP00000000087
EQ10552	WCLAT/K0549 - WCLAT/K0549	CRG0000000029, GRP00000000087
EQ10553	WCLAT/K0552 - WCLAT/K0552	CRG0000000028, GRP00000000087
EQ10554	WCLAT/K0602 - B-DAF CLARIFIED WATER	CRG0000000028, GRP00000000087
EQ10555	WCLAT/K0603 - ROTARY SLUDGE THICKENER (RST)	CRG0000000030, GRP00000000087
EQ10556	WCLAT/K0604 - B-DAF FLOAT	CRG0000000030, GRP00000000087
EQ10557	WCLAT/K0650 - WCLAT/K0650	CRG0000000030, GRP00000000087
EQ10558	WCLAT/K0654 - WCLAT/K0654	CRG0000000028, GRP00000000087
EQ10559	WCLAT/K0659 - WCLAT/K0659	CRG0000000028, GRP00000000087
EQ10560	WCLAT/K0695 - WCLAT/K0695	GRP00000000087
EQ10561	WCLAT/K0801 - WCLAT/K0801	CRG0000000030, GRP00000000087
EQ10562	WCLAT/K0804 - WCLAT/K0804	CRG0000000030, GRP00000000087
EQ10563	WCLAT/K0807 - WCLAT/K0807	GRP00000000087
EQ10564	WCLAT/K0808 - WCLAT/K0808	CRG0000000030, GRP00000000087
EQ10565	WCLAT/K0809 - WCLAT/K0809	GRP00000000087
EQ10566	WCLAT/K0810 - WCLAT/K0810	CRG0000000030, GRP00000000087

INVENTORIES

AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery
Activity Number: PER20070027
Permit Number: 2363-V2
Air - Title V Regular Permit Minor Mod

Group Membership:

ID	Description	Member of Groups
EQT0567	WCLA/TK1211 - WCLA/TK1211	CRG00000000030, GRP00000000087
EQT0568	WCLA/TK1232 - WCLA/TK1232	CRG00000000030, GRP00000000087
EQT0571	FIRE/GEN - Fire Station Emergency Generator	CRG00000000020
EQT0572	FIRE/PUMP DP-5 - Diesel Powered Firewater Pump DP-5	CRG00000000020
EQT0573	FIRE/PUMP DP-9 - Diesel Powered Firewater Pump DP-9	CRG00000000020
EQT0574	SEC/IGEN - Security Office Emergency Generator	CRG00000000020
EQT0575	UTIL/GEN SHORE - Shore Emergency Generator	CRG00000000020
EQT0576	UTIL/PAC1 - Permanently Installed Portable Air Compressor #1	CRG00000000023
EQT0577	UTIL/PAC10 - Permanently Installed Portable Air Compressor #10	CRG00000000020
EQT0578	UTIL/PAC11 - Permanently Installed Portable Air Compressor #11	CRG00000000020
EQT0579	UTIL/PAC12 - Permanently Installed Portable Air Compressor #12	CRG00000000020
EQT0580	UTIL/PAC2 - Permanently Installed Portable Air Compressor #2	CRG00000000023
EQT0581	UTIL/PAC3 - Permanently Installed Portable Air Compressor #3	CRG00000000023
EQT0582	UTIL/PAC4 - Permanently Installed Portable Air Compressor #4	CRG00000000023
EQT0583	UTIL/PAC5 - Permanently Installed Portable Air Compressor #5	CRG00000000023
EQT0584	UTIL/PAC6 - Permanently Installed Portable Air Compressor #6	CRG00000000020
EQT0585	UTIL/PAC7 - Permanently Installed Portable Air Compressor #7	CRG00000000020
EQT0586	UTIL/PAC8 - Permanently Installed Portable Air Compressor #8	CRG00000000020
EQT0587	UTIL/PAC9 - Permanently Installed Portable Air Compressor #9	CRG00000000020
EQT0588	UTIL/PUMP P-6002 - Diesel Powered Firewater P-6002	CRG00000000024
EQT0589	UTIL/PUMP SHORE - Diesel Powered Firewater Pump Shore	CRG00000000025, GRP00000000087
EQT0603	UTIL/TK0174 - UTIL/TK0174	CRG00000000025, GRP00000000087
EQT0604	UTIL/TK0619 - UTIL/TK0619	CRG00000000025, GRP00000000087
EQT0605	WCLAWLRF1 - Wax Lube Recycling Container	CRG00000000051, GRP00000000087
EQT0606	WCLAWLRF2 - Wax Lube Recycling Container	CRG00000000051, GRP00000000087

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
0720	Petroleum Refining (Rated Capacity)	1	1,000 BBL/Day

SIC Codes:

2911	Petroleum refining	A12638
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EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery
 Activity Number: PER20070027
 Permit Number: 2363-V2
 Air - Title V Regular Permit Minor Mod

Subject Item	CO			NOX			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Entire Facility															
ARE 0009 WCLA-OFFSITES															125.47
ARE 0022 WCLA-ONSITES								4.05	4.95	17.75					321.00
EQT 0522 UTIL/GAS-CP															0.05
EQT 0523 UTIL/GAS-RF															0.30
EQT 0570 WCLAMW															7.00
EQT 0571 FIRE/GEN	2.00	2.00	0.08	9.30	9.30	0.35	0.69	0.69	0.69	0.03	0.11	0.11	0.11	0.75	0.03
EQT 0572 FIRE/PUMP DP-5	3.07	3.07	0.81	14.26	14.26	3.74	1.06	1.06	1.06	0.28	0.17	0.17	0.17	1.16	0.30
EQT 0573 FIRE/PUMP DP-8	3.07	3.07	0.81	14.26	14.26	3.74	1.06	1.06	1.06	0.28	0.17	0.17	0.17	1.16	0.30
EQT 0574 SE/GRN	0.43	0.43	0.02	2.56	2.56	0.10	0.30	0.30	0.30	0.01	0.05	0.05	0.05	0.17	0.01
EQT 0575 UTIL/GEN SHORE	1.11	1.11	0.14	5.15	5.15	0.64	0.38	0.38	0.38	0.05	0.06	0.06	0.06	0.42	0.05
EQT 0576 UTIL/PAC1	1.36	2.54	1.36	3.27	3.53	3.27	0.18	0.34	0.18	0.18	0.18	0.17	0.17	0.30	0.16
EQT 0577 UTIL/PAC10	3.27	3.27	3.27	15.16	15.16	15.16	1.08	1.08	1.08	1.08	0.18	0.18	0.18	1.23	1.23
EQT 0578 UTIL/PAC11	3.27	3.27	3.27	15.16	15.16	15.16	1.08	1.08	1.08	1.08	0.18	0.18	0.18	1.23	1.23
EQT 0579 UTIL/PAC12	3.27	3.27	3.27	15.16	15.16	15.16	1.08	1.08	1.08	1.08	0.18	0.18	0.18	1.23	1.23
EQT 0580 UTIL/PAC2	1.36	2.54	1.36	3.27	3.53	3.27	0.18	0.34	0.18	0.18	0.17	0.17	0.17	0.30	0.16
EQT 0581 UTIL/PAC3	1.36	2.54	1.36	3.27	3.53	3.27	0.18	0.34	0.18	0.18	0.17	0.17	0.17	0.30	0.16
EQT 0582 UTIL/PAC4	1.36	2.54	1.36	3.27	3.53	3.27	0.18	0.34	0.18	0.18	0.17	0.17	0.17	0.30	0.16
EQT 0583 UTIL/PAC5	1.36	2.54	1.36	3.27	3.53	3.27	0.18	0.34	0.18	0.18	0.17	0.17	0.17	0.30	0.16
EQT 0584 UTIL/PAC6	1.36	2.54	1.36	3.27	3.53	3.27	0.18	0.34	0.18	0.18	0.17	0.17	0.17	0.30	0.16
EQT 0585 UTIL/PAC7	3.27	3.27	3.27	15.16	15.16	15.16	1.08	1.08	1.08	1.08	0.18	0.18	0.18	1.23	1.23
EQT 0586 UTIL/PAC8	3.27	3.27	3.27	15.16	15.16	15.16	1.08	1.08	1.08	1.08	0.18	0.18	0.18	1.23	1.23
EQT 0587 UTIL/PAC9	3.27	3.27	3.27	15.16	15.16	15.16	1.08	1.08	1.08	1.08	0.18	0.18	0.18	1.23	1.23
EQT 0588 UTIL/PUMP P-0002	5.50	5.50	2.20	24.00	24.00	9.60	0.70	0.70	0.70	0.28	0.36	0.36	0.36	0.71	0.28

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery
 Activity Number: PER20070027
 Permit Number: 2363-V2
 Air - Title V Regular Permit Minor Mod

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Entire Facility															
ECT 0589 UTIL/PUMP SHORE	4.40	4.40	0.55	19.20	19.20	2.40	0.56	0.56	0.07	0.06	0.06	0.04	0.56	0.56	0.07
FUG 0012 WCLAH													0.98		4.28
GRP 0087 WCLAOFFSITES TKLS													4.20		18.85

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery

Activity Number: PER20070027

Permit Number: 2363-V2

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
ARE 0009 WCLA-OFFSITES	1,2-Dibromoethane	0.07		0.29
	2,2,4-Trimethylpentane	0.95		4.17
	Ammonia	15.99		70.02
	Benzene	0.32		1.39
	Biphenyl	0.03		0.12
	Cresol	0.11		0.46
	Cumene	0.17		0.73
	Ethyl benzene	0.81		3.56
	Ethylene glycol	0.002		0.01
	Hydrogen sulfide	0.005		0.02
	Methanol	6.24		27.36
	Methyl Tertiary Butyl Ether	1.54		6.74
	Methyl ethyl ketone	1.56		6.85
	Methyl isobutyl ketone	0.12		0.54
	Naphthalene	0.002		0.01
	Phenol	0.19		0.84
	Styrene	0.01		0.03
	Sulfuric acid	0.02		0.08
	Toluene	1.06		4.66
	Xylene (mixed isomers)	1.68		7.36
n-Hexane	0.27		1.17	
ARE 0022 WCLA-ONSITES	1,2-Dibromoethane	0.34		1.47
	2,2,4-Trimethylpentane	21.57		94.45
	Ammonia	2.86		12.54
	Benzene	3.83		16.78
	Biphenyl	1.29		5.65
	Cresol	0.23		1.01
	Cumene	0.55		2.41
	Ethyl benzene	3.70		16.22
	Ethylene glycol	0.01		0.02
	Hydrogen sulfide	1.71		7.50
	Methanol	3.76		16.48
	Methyl Tertiary Butyl Ether	33.96		148.73
	Methyl ethyl ketone	7.77		34.05

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS
AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery
Activity Number: PER20070027
Permit Number: 2363-V2
Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
ARE 0022 WCLA-ONSITES	Methyl isobutyl ketone	1.51		6.60
	Phenol	1.17		5.10
	Styrene	0.35		1.53
	Toluene	18.29		80.10
	Xylene (mixed isomers)	21.52		94.26
	n-Hexane	1.11		4.87
EQT 0522 UTIL/GAS-CP	Benzene	0.002	0.004	0.01
	Ethyl benzene	0.002	0.004	0.01
	Toluene	0.002	0.004	0.01
	Xylene (mixed isomers)	0.002	0.004	0.01
EQT 0523 UTIL/GAS-RF	Benzene	0.002	0.004	0.01
	Cumene	0.003	0.006	0.01
	Ethyl benzene	0.002	0.004	0.01
	Toluene	0.011	0.022	0.05
	Xylene (mixed isomers)	0.006	0.012	0.02
	n-Hexane	0.002	0.004	0.01
EQT 0570 WCLA/WW	2,2,4-Trimethylpentane	0.01		0.04
	Benzene	0.01		0.03
	Biphenyl	0.002		0.01
	Cresol	0.002		0.01
	Cumene	0.002		0.01
	Ethyl benzene	0.002		0.01
	Methyl Tertiary Butyl Ether	0.002		0.01
	Styrene	0.002		0.01
	Toluene	0.06		0.25
	Xylene (mixed isomers)	0.01		0.02
	n-Hexane	0.01		0.03
FUG 0012 WCLA/HL	2,2,4-Trimethylpentane	0.002		0.01
	Benzene	0.002		0.01
	Biphenyl	0.002		0.01
	Cresol	0.002		0.01
	Cumene	0.002		0.01
	Ethyl benzene	0.01		0.04
	Methyl Tertiary Butyl Ether	0.002		0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery

Activity Number: PER20070027

Permit Number: 2363-V2

Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
FUG 0012 WCLA/HL	Styrene	0.002		0.01
	Toluene	0.002		0.01
	Xylene (mixed isomers)	0.01		0.03
	n-Hexane	0.002		0.01
GRP 0087 WCLA/OFFSITES TKS	2,2,4-Trimethylpentane	0.002		0.01
	Benzene	0.01		0.03
	Biphenyl	0.002		0.01
	Cresol	0.002		0.01
	Cumene	0.002		0.01
	Ethyl benzene	0.002		0.01
	Hydrogen sulfide	0.13		0.56
	Methyl Tertiary Butyl Ether	0.002		0.01
	Polynuclear Aromatic Hydrocarbons	0.002		0.01
	Styrene	0.002		0.01
	Sulfuric acid	0.02		0.09
	Toluene	0.02		0.08
	Xylene (mixed isomers)	0.01		0.02
	n-Hexane	0.06		0.27
UNF 0006 UNF01	1,2-Dibromoethane			1.76
	2,2,4-Trimethylpentane			98.68
	Ammonia			82.56
	Benzene			18.26
	Biphenyl			5.80
	Cresol			1.50
	Cumene			3.18
	Ethyl benzene			19.86
	Ethylene glycol			0.03
	Hydrogen sulfide			8.08
	Methanol			43.84
	Methyl Tertiary Butyl Ether			155.50
	Methyl ethyl ketone			40.90
	Methyl isobutyl ketone			7.14
Naphthalene			0.01	
Phenol			5.94	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
UNF 0006 UNF01	Polynuclear Aromatic Hydrocarbons			0.01
	Styrene			1.59
	Sulfuric acid			0.17
	Toluene			85.14
	Xylene (mixed isomers)			101.72
	n-Hexane			6.36

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

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ARE0009 WCLA-OFFSITES - WCLA Offsites (Area Emissions)

- 1 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT - LA Refinery MACT Determination dated July 26, 1994 - Determined as MACT.

ARE0022 WCLA-ONSITES - WCLA Onsites (Area Emissions)

- 2 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes MACT - LA Refinery MACT Determination dated July 26, 1994 - Determined as MACT.

CRG0020 FIRE/GEN, FIRE/PUMP DP-5, FIRE/PUMP DP-9, SECR/GEN, UTIL/GEN SHORE, and UTIL/PAC 7-12

Group Members: EQT0571 EQT0572 EQT0573 EQT0574 EQT0575 EQT0577 EQT0578 EQT0579 EQT0585 EQT0586 EQT0587

- 3 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: None specified
- 4 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input.
 Which Months: All Year Statistical Basis: None specified
- 5 [LAC 33:III.1513.C] Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

CRG0021 UTIL/TKD100, UTIL/TKD200, and UTIL/TKD300

Group Members: EQT0524 EQT0525 EQT0526

- 6 [40 CFR 63.646] Group 2 storage vessels shall comply only with the recordkeeping requirements of this subpart. Subpart CC.
- 7 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be LA Refinery MACT. Storage vessel must be in compliance with NESHAP Part 63 Subpart CC.

CRG0022 UTIL/GAS-CP, and UTIL/GAS-RF

Group Members: EQT0522 EQT0523

- 8 [LAC 33:III.2132.B.5] Equip with a Stage II Vapor Recovery System that is designed to achieve a 95% or greater gasoline vapor control efficiency.

CRG0023 UTIL/PAC1, UTIL/PAC 2, UTIL/PAC 3, UTIL/PAC 4 UTIL/PAC 5, and UTIL/PAC 6

Group Members: EQT0576 EQT0580 EQT0581 EQT0582 EQT0583 EQT0584

- 9 [40 CFR 60.4204(a)] Purchased engines certified to comply with the emission standards specified in Subpart IIII. [40 CFR 60.4204(a), 40 CFR 60.4211(b)(1)]

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CRG0023 UTIL/PAC1, UTIL/PAC 2, UTIL/PAC 3, UTIL/PAC 4 UTIL/PAC 5, and UTIL/PAC 6

- 10 [40 CFR 60.4207(a)]
These sources will use diesel fuel that meets the requirements of 40 CFR 80.510, Subpart III. [40 CFR 60.4207(a), 40 CFR 60.4207(b)]
- 11 [40 CFR 60.4211(b)(3)]
Engines will be operated according to the manufacturer's written instructions. Subpart III. [40 CFR 60.4211(b)(3)]
- 12 [LAC 33:III.1513.B]
Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 13 [LAC 33:III.1513.C]
Which Months: All Year Statistical Basis: None specified
Total suspended particulate <= 0.6 lb/MMBTU of heat input.
- 14 [LAC 33:III.1513.C]
Which Months: All Year Statistical Basis: None specified
Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

CRG0024 UTIL/PUMP P-6002 and UTIL/PUMP SHORE

Group Members: EQT0588 EQT0589

- 15 [LAC 33:III.1101.B]
Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 16 [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified
Total suspended particulate <= 0.6 lb/MMBTU of heat input.
- 17 [LAC 33:III.1513.C]
Which Months: All Year Statistical Basis: None specified
Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

CRG0025 UTIL/TK0174 UTIL/TK0401 UTIL/TK0611 UTIL/TK0619 WCLATK0101 WCLATK0102 WCLATK0103 and WCLATK0104

Group Members: EQT0527 EQT0528 EQT0533 EQT0534 EQT0535 EQT0536 EQT0603 EQT0604

- 18 [40 CFR 63.646]
Group 2 storage vessels shall comply only with the recordkeeping requirements of this subpart. Subpart CC.
- 19 [LAC 33:III.5109.A]
Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be LA Refinery MACT. Storage vessel must be in compliance with NESHAP Part 63 Subpart CC.

CRG0026 WCLATK0021 and WCLATK0022

Group Members: EQT0529 EQT0530

- 20 [40 CFR 61.342(c)(2)]
Waste streams with a flow-weighted annual average benzene concentration less than 10 ppmw are exempt from the control requirements of this subpart. Monitoring, recordkeeping, and reporting requirements apply. Storage vessel contains waste stream with a benzene concentration of less than 10 ppmw. Subpart FF. [40 CFR 61.342(c)(2)]

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CRG0026 WCLA7K0021 and WCLA7K022

- 21 [LAC 33:III.2103.B] Equip with a submerged fill pipe.
- 22 [LAC 33:III.2103.C.1.a] Equip internal floating roof with a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank.
- 23 [LAC 33:III.2103.C.1.b] Equip internal floating roof with a mechanical shoe seal (metallic-type shoe seal) consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.
- 24 [LAC 33:III.2103.C.1.c] Equip internal floating roof with two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous.
- 25 [LAC 33:III.2103.C.2] Provide each opening in the internal floating roof (except rim space vents and automatic bleeder vents) with a projection below the liquid surface. In addition, provide each opening (except for leg sleeves, bleeder vents, rim space vents, column wells, ladder wells, sample wells, and snub drains) with a cover equipped with a gasket. Equip automatic bleeder vents and rim space vents with gaskets and equip ladder wells with a sliding cover.
- 26 [LAC 33:III.2103.C] Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
- 27 [LAC 33:III.2109.A.2] Equip with a container furnished with a floating roof. Floating roof shall consist of a pontoon type, double deck type roof, or internal floating cover which rests or floats on the surface of the contents and is equipped with a closure seal or seals to close the space between the roof edge and container wall. All gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
- 28 [LAC 33:III.2109.C] Determine compliance with LAC 33:III.2109.A using monthly visual inspections or one of the test methods in LAC 33:III.2109.C.1-6, where appropriate.
- 29 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be LA Refinery MACT. Storage vessel must be in compliance with NESHAP Part 61 Subpart FF and LAC 33:III.2103.

CRG0027 WCLA7K0026 WCLA7K0522, WCLA7K0523, WCLA7K0543, and WCLA7K0544

- Group Members: EQT0531 EQT0546 EQT0547 EQT0548 EQT0549
- 30 [40 CFR 61.351] An IFR must be equipped with either: (a) a foam or liquid fitted seal mounted in contact with liquid, (b) two (2) continuous seals of which the lower seal may be vapor mounted, or (c) a mechanical shoe seal. Compliance with NSPS 40 CFR 60.112b(a)(1) constitutes compliance with Subpart FF, as per alternative standards in 40 CFR 61.351. Subpart FF. [40 CFR 61.351, 40 CFR 60.112b(a)(1)]
- 31 [40 CFR 63.647(a)] Comply with the requirements of 40 CFR 61.340 through 61.355 of 40 CFR part 61, subpart FF, except as provided in 40 CFR 63.647(b). Subpart CC. [40 CFR 63.647(a)]
- 32 [LAC 33:III.2103.B] Equip with a submerged fill pipe.
- 33 [LAC 33:III.2103.C.1.a] Equip internal floating roof with a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank.

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CRG0027 WCLA/TK0026 WCLA/TK0522, WCLA/TK0523, WCLA/TK0543, and WCLA/TK0544

- 34 [LAC 33:III.2103.C.1.b] Equip internal floating roof with a mechanical shoe seal (metallic-type shoe seal) consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.
- 35 [LAC 33:III.2103.C.1.c] Equip internal floating roof with two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous.
- 36 [LAC 33:III.2103.C.2] Provide each opening in the internal floating roof (except rim space vents and automatic bleeder vents) with a projection below the liquid surface. In addition, provide each opening (except for leg sleeves, bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains) with a cover equipped with a gasket. Equip automatic bleeder vents and rim space vents with gaskets and equip ladder wells with a sliding cover.
- 37 [LAC 33:III.2103.C] Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
- 38 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be LA Refinery MACT. Storage vessel must be in compliance with NESHAP Part 63 Subpart CC.

CRG0028 WCLA/TK0202A, B, 0204, 0301A, 0301B, 0302A, 0302B, 0459, 0552 and 0602

- Group Members: EQT0537 EQT0538 EQT0539 EQT0540 EQT0541 EQT0542 EQT0543 EQT0545 EQT0553 EQT0554
- 39 [40 CFR 63.646] Group 2 storage vessels shall comply only with the recordkeeping requirements of this subpart. Subpart CC.
- 40 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be LA Refinery MACT. Storage vessel must be in compliance with NESHAP Part 63 Subpart CC.

CRG0029 WCLA/TK0414, WCLA/TK0548, and WCLA/TK0549

- Group Members: EQT0544 EQT0551 EQT0552
- 41 [40 CFR 63.646] Group 2 storage vessels shall comply only with the recordkeeping requirements of this subpart. Subpart CC.
- 42 [LAC 33:III.2103.B] Equip with a submerged fill pipe.
- 43 [LAC 33:III.2103.C.1.a] Equip internal floating roof with a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank.
- 44 [LAC 33:III.2103.C.1.b] Equip internal floating roof with a mechanical shoe seal (metallic-type shoe seal) consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.
- 45 [LAC 33:III.2103.C.1.c] Equip internal floating roof with two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous.

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CRG0029 WCLA/TK0414, WCLA/TK0548, and WCLA/TK0549

- 46 [LAC 33:III.2103.C.2] Provide each opening in the internal floating roof (except rim space vents and automatic bleeder vents) with a projection below the liquid surface. In addition, provide each opening (except for leg sleeves, bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains) with a cover equipped with a gasket. Equip automatic bleeder vents and rim space vents with gaskets and equip ladder wells with a sliding cover.
- 47 [LAC 33:III.2103.C] Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
- 48 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be LA Refinery MACT. Storage vessel must be in compliance with NESHAP Part 63 Subpart CC and LAC 33:III.2103.

CRG0030 WCLA/TK0603, 0604, 0650, 0654, 0695, 0801, 0804, 0808, 0810, 1211, and 1232

- Group Members:** EQT0555 EQT0556 EQT0557 EQT0558 EQT0560 EQT0561 EQT0562 EQT0564 EQT0566 EQT0567 EQT0568
- 49 [40 CFR 63.646] Group 2 storage vessels shall comply only with the recordkeeping requirements of this subpart. Subpart CC.
 - 50 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be LA Refinery MACT. Storage vessel must be in compliance with NESHAP Part 63 Subpart CC.

CRG0051 WCLA/WLRF1 and WCLA/WLRF2

- Group Members:** EQT0605 EQT0606
- 51 [40 CFR 61.342(c)(2)] Waste streams with a flow-weighted annual average benzene concentration less than 10 ppmw are exempt from the control requirements of this subpart. Monitoring, recordkeeping, and reporting requirements apply. Storage vessel contains waste stream with a benzene concentration of less than 10 ppmw. Subpart FF. [40 CFR 61.342(c)(2)]
 - 52 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be LA Refinery MACT. Storage vessel must be in compliance with NESHAP Part 61 Subpart FF and LAC 33:III.2109.

EQT0532 WCLA/TK0072 - WCLA/TK0072

- 53 [40 CFR 63.646] Group 2 storage vessels shall comply only with the recordkeeping requirements of this subpart. Subpart CC.
- 54 [LAC 33:III.2103.B] Equip with a submerged fill pipe.
- 55 [LAC 33:III.2103.C.1.a] Equip internal floating roof with a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank.
- 56 [LAC 33:III.2103.C.1.b] Equip internal floating roof with a mechanical shoe seal (metallic-type shoe seal) consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.

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EQ10532 WCLATK0072 - WCLATK0072

- 57 [LAC 33:III.2103.C.1.c] Equip internal floating roof with two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous.
- 58 [LAC 33:III.2103.C.2] Provide each opening in the internal floating roof (except rim space vents and automatic bleeder vents) with a projection below the liquid surface. In addition, provide each opening (except for leg sleeves, bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains) with a cover equipped with a gasket. Equip automatic bleeder vents and rim space vents with gaskets and equip ladder wells with a sliding cover.
- 59 [LAC 33:III.2103.C] Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
- 60 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be LA Refinery MACT. Storage vessel must be in compliance with NESHAP Part 63 Subpart CC.

EQ10550 WCLATK0546 - WCLATK0546

- 61 [40 CFR 63.646] Group 2 storage vessels shall comply only with the recordkeeping requirements of this subpart. Subpart CC.
- 62 [LAC 33:III.2103.A] Equip with a vapor loss control system, consisting of a gathering system capable of collecting volatile organic compound vapors and a vapor disposal system capable of processing such organic vapors. All tank gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place.
- 63 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be LA Refinery MACT. Storage vessel must be in compliance with NESHAP Part 63 Subpart CC.

EQ10559 WCLATK0659 - WCLATK0659

- 64 [40 CFR 61.351] An IFR must be equipped with either: (a) a foam or liquid fitted seal mounted in contact with liquid, (b) two (2) continuous seals of which the lower seal may be vapor mounted, or (c) a mechanical shoe seal. Compliance with NSPS 40 CFR 60.112b(a)(1) constitutes compliance with Subpart FF, as per alternative standards in 40 CFR 61.351. Subpart FF. [40 CFR 61.351, 40 CFR 60.112b(a)(1)]
- 65 [40 CFR 63.647(a)] Comply with the requirements of 40 CFR 61.340 through 61.355 of 40 CFR part 61, subpart FF, except as provided in 40 CFR 63.647(b). Subpart CC. [40 CFR 63.647(a)]
- 66 [LAC 33:III.2103.B] Equip with a submerged fill pipe.
- 67 [LAC 33:III.2103.C.1.a] Equip internal floating roof with a liquid mounted seal consisting of a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank.
- 68 [LAC 33:III.2103.C.1.b] Equip internal floating roof with a mechanical shoe seal (metallic-type shoe seal) consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.
- 69 [LAC 33:III.2103.C.1.c] Equip internal floating roof with two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous.

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EQT0559 WCLATK0659 - WCLATK0659

- 70 [LAC 33:III.2103.C.2] Provide each opening in the internal floating roof (except rim space vents and automatic bleeder vents) with a projection below the liquid surface. In addition, provide each opening (except for leg sleeves, bleeder vents, rim space vents, column wells, ladder wells, sample wells, and snb drains) with a cover equipped with a gasket. Equip automatic bleeder vents and rim space vents with gaskets and equip ladder wells with a sliding cover.
- 71 [LAC 33:III.2103.C] Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
- 72 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be LA Refinery MACT. Storage vessel must be in compliance with NESHAP Part 63 Subpart CC.

EQT0563 WCLATK0807 - WCLATK0807

- 73 [40 CFR 63.646] Group 2 storage vessels shall comply only with the recordkeeping requirements of this subpart. Subpart CC.
- 74 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be LA Refinery MACT. Storage vessel must be in compliance with NESHAP Part 63 Subpart CC.

EQT0565 WCLATK0809 - WCLATK0809

- 75 [40 CFR 63.646] Group 2 storage vessels shall comply only with the recordkeeping requirements of this subpart. Subpart CC.
- 76 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is determined to be LA Refinery MACT. Storage vessel must be in compliance with NESHAP Part 63 Subpart CC.

FUG0012 WCLA/HL - WCLA Heavy Liquid Fugitive Emissions

- 77 [LAC 33:III.2111] Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment.
- 78 [LAC 33:III.507.H.1.a] Fugitive emissions of VOC shall be controlled by a monitoring program conforming to the LA Refinery MACT. The number of each type of component required to be monitored for each monitoring period under the applicable leak definition and repair programs shall be reported to the Department by inclusion with each periodic monitoring report. Fugitive emission piping components may be added to or removed from the permitted units, without triggering the need to apply for a permit modification, provided:
 - Changes in components involve routine maintenance or are undertaken to address safety concerns, or involve small piping revisions with no associated emissions increases except from the fugitive emission components themselves;
 - Changes do not involve any emissions increase associated with production rate or capacity change;
 - Actual emissions following the changes will not exceed the emission limits contained in this permit; and
 - The components are promptly incorporated into any applicable leak detection and repair program.

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FUG0012 WCLA/HL - WCLA Heavy Liquid Fugitive Emissions

79 [LAC 33:III.507.H.1.a]

Permittee shall comply with a streamlined equipment leaks monitoring program. Compliance with the streamlined program in accordance with this specific condition shall serve to comply with each of the applicable fugitive emission monitoring programs being streamlined as indicated in the following table. Noncompliance with the streamlined program in accordance with this specific condition may subject the permittee to enforcement action for one or more of the applicable fugitive emissions programs.

a. Permittee shall apply the streamlined program to the combined universe of components subject to any of the programs being streamlined. Any component type which does not require periodic monitoring under the overall most stringent program (LA Refinery MACT) shall be monitored as required by the most stringent requirements of any other program being streamlined and will not be exempted. The streamlined program will include any exemptions based on size of component available in any of the programs being streamlined.

b. Permittee shall use leak definitions and monitoring frequency based on the overall most stringent program (LA Refinery MACT). Percent leaker performance shall be calculated using the provisions of the overall most stringent program. Annual monitoring shall be defined as once every four quarters. Some allowance may be made in the first year of the streamlined program in order to allow for transition from existing monitoring schedules.

c. Permittee shall comply with recordkeeping and reporting requirements of the overall most stringent program. Semiannual reports shall be submitted on August 1 and March 1, to cover the periods of January 1, through June 30 and July 1 through December 31, respectively. The semiannual reports shall include any monitoring performed within the reporting period.

Attach a weatherproof and readily visible identification, marked with the equipment identification, to leaking equipment, as specified in Subsection Q.2 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).

Compliance with LA Refinery MACT in accordance with the streamlining provisions of Part 70 Specific Conditions constitutes MACT.

Comply with the test methods and procedures in Section P, as specified in Subsections P.1 through P.5 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).

Compressors (no detectable emissions): Demonstrate that the compressor is operating with no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, as measured by the method specified in Subsection P.3, as specified in Paragraph E.10.a of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Comply with this requirement instead of the requirements in Subsections E.2 through E.9.

Compressors (no detectable emissions): VOC, Total monitored by the regulation's specified method(s) once initially upon designation, annually, and at other times requested by DEQ, as specified in Paragraph E.10.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Comply with this requirement instead of the requirements in Subsections E.2 through E.9.

Which Months: All Year Statistical Basis: None specified

Compressors (seal system): Operate with the barrier fluid at a pressure that is greater than the compressor stuffing box pressure, or equip with a barrier fluid system that is connected by a closed-vent system to a control device that complies with the requirements of Section N, or equip with a system that purges the barrier fluid into a process stream with zero VOTAP emission to the atmosphere, as specified in Subsection E.3 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).

Compressors (seal system): VOC, Total monitored by the regulation's specified method(s) quarterly, as specified in Subsection E.1 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor to detect leaks using the methods specified in Section

P. If an instrument reading of 5000 ppm is measured, a leak is detected. If a leak is detected, initiate repair provisions specified in Subsection E.8.

Which Months: All Year Statistical Basis: None specified

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- 87 [LAC 33:III.5109.A] Compressors: Determine, based on design considerations and operating experience, a criterion that indicates failure of the seal system, the barrier fluid system, or both, as specified in Paragraph E.6.b of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 88 [LAC 33:III.5109.A] Compressors: Ensure that the barrier fluid is not in VOTAP service and, if the compressor is covered by a standard under NSPS, is not in VOC service, as specified in Subsection E.4 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 89 [LAC 33:III.5109.A] Compressors: Equip with a closed-vent system capable of capturing and transporting any leakage from the seal to a control device that complies with the requirements of Section N, except as provided for in Subsection E.10, as specified in Paragraph E.9 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Alternative to Subsections E.1 through E.7.
- 90 [LAC 33:III.5109.A] Compressors: Equip with a seal system that includes a barrier fluid system and that prevents leakage of process fluid to the atmosphere, except as provided for in Subsections C.4, E.9 and E.10, as specified in Subsection E.2 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 91 [LAC 33:III.5109.A] Compressors: Equipment/operational data monitored by technically sound method daily, as specified in Paragraph E.6.a of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Check each sensor as required in Subsection E.5 daily or equip with an audible alarm unless the compressor is located within the boundary of an unmanned plant site. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on criterion determined under Paragraph E.6.b, a leak is detected. If a leak is detected, initiate repair provisions specified in Subsection E.8.
- 92 [LAC 33:III.5109.A] Which Months: All Year Statistical Basis: None specified
 Compressors: Repair leaks as soon as practicable, but not later than 15 calendar days after a leak is detected, except as provided in Section M, as specified in Subsection E.8 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Make a first attempt at repair no later than 5 calendar days after each leak is detected.
- 93 [LAC 33:III.5109.A] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in Subsections Q.1 through Q.13 as applicable, as specified in Section Q of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 94 [LAC 33:III.5109.A] Identify each piece of equipment in a process unit subject to this MACT determination such that it can be distinguished readily from equipment that is not subject to this MACT determination, as specified in Subsection C.3 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 95 [LAC 33:III.5109.A] Instrument systems and pressure relief devices in liquid service; pumps, valves, connectors, and agitators in heavy liquid service; connectors < 1 inch in inside diameter in gas/vapor or light liquid service: Repair leaks as soon as practicable, but not later than 15 calendar days after a leak is detected, except as provided in Section M, as specified in Subsection K.3 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Make a first attempt at repair no later than 5 calendar days after each leak is detected.
- 96 [LAC 33:III.5109.A] Instrument systems and pressure relief devices in liquid service; pumps, valves, connectors, and agitators in heavy liquid service; connectors < 1 inch in inside diameter in gas/vapor or light liquid service: VOC, Total monitored by the regulation's specified method(s) within 5 days of finding evidence of a potential leak by visual, audible, olfactory, or any other detection method, as specified in Subsection K.1 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Monitor using the method specified in Subsection P.2. If an instrument reading of 2000 ppm or greater for pumps or 1000 ppm or greater for valves, connectors, instrument systems, or pressure relief devices is measured, a leak is detected. If a leak is detected, initiate repair provisions specified in Subsection K.3.

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- 97 [LAC 33:III.5109.A] Open-ended valves or lines (equipped with a second valve): Operate in a manner such that the valve on the process fluid end is closed before the second valve is closed, as specified in Subsection H.2 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 98 [LAC 33:III.5109.A] Open-ended valves or lines: Equip with a cap, blind flange, plug, or a second valve that seals the open end at all times except during operations requiring process fluid flow through the open-ended valve or line or during maintenance and repair, as specified in Subsection H.1 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 99 [LAC 33:III.5109.A] Open-ended valves or lines: Monitor and repair in accordance with Section I, as specified in Subsection H.4 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 100 [LAC 33:III.5109.A] Repair equipment before the end of the next process unit shutdown, if repair is technically infeasible without a process unit shutdown, as specified in Subsection M.1 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 101 [LAC 33:III.5109.A] Sampling connection systems (closed-purge or closed-vent system): Return the purged process fluid directly to the process line with zero VOTAP emissions to the atmosphere, or collect and recycle the purged process fluid with zero VOTAP emissions to the atmosphere, or be designed and operated to capture and transport all the purged process fluid to a control device that complies with the requirements of Section N, as specified in Subsection G.2 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 102 [LAC 33:III.5109.A] Sampling connection systems: Equip with a closed-purge system or closed-vent system, except as provided for in Section C, as specified in Subsection G.1 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994). Ensure that this system collects or captures the sample purge for return to the process.
- 103 [LAC 33:III.5109.A] Submit report: Due quarterly starting three months after the initial report required in Subsection R.1. Include the information specified in Paragraphs R.2.a through R.2.e, as specified in Subsection R.2 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 104 [LAC 33:III.5109.A] Submit statement: Due in writing by 90 days after approval of the Compliance Plan/Certificate of Compliance. Submit the information specified in Subsections R.1 and R.3, as specified in Subsections R.1 and R.3 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 105 [LAC 33:III.5109.A] Surge control vessels and bottoms receivers: Equip each surge control vessel and bottoms receiver that is not routed back to the process with a closed-vent system that routes the organic vapors vented from the vessel back to the process or to a control device that complies with the requirements of Section N or to an alternate method of control which has been approved by DEQ, as specified in Section L of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 106 [LAC 33:III.5109.A] VOC, Total monitored by technically sound method at the regulation's specified frequency. Monitor equipment that has been physically removed from service, disassembled or dismantled in the next scheduled monitoring period or within 1 year of placing back in service, whichever occurs first, to determine if it is leaking, as specified in Subsection C.5 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).
- 107 [LAC 33:III.5109.A] Which Months: All Year Statistical Basis: None specified
VOC, Total recordkeeping by manual logging at the regulation's specified frequency. Maintain a record of the monitoring in the log required in Subsection Q.5, as specified in Subsection C.5 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994).

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- 108 [40 CFR 61.140] Comply with the applicable requirements of Subpart M. Comply with the applicable asbestos regulations when manufacturing and fabricating, performing demolition and renovation, when spraying asbestos containing materials, when installing asbestos containing insulating materials, and when disposing of asbestos containing material.
- 109 [40 CFR 61.145(b)(1)] Provide DEQ with written notice of intention to demolish or renovate prior to performing activities to which 40 CFR 61 Subpart M applies.
- 110 [40 CFR 61.148] Delivery of the notice by U.S. Postal Service, commercial delivery service, or hand delivery is acceptable. Subpart M. [40 CFR 61.145(b)(1)] Do not install or reinstall on a facility component any insulating materials that contain commercial asbestos if the materials are either molded and friable or wet-applied and friable after drying. Subpart M.
- 111 [40 CFR 61.340(a)] Wastewater streams with a benzene concentration of 10 ppmw or greater are routed to the benzene recovery unit. Wastewater streams with a benzene concentration less than 10 ppmw are exempt from control requirements. [40 CFR 61.340(a)]
- 112 [40 CFR 61.342(d)(2)(i)] Benzene < 1 Mg/yr (1.1 ton/yr) total quantity. Subpart FF. [40 CFR 61.342(d)(2)(i)]
- 113 [40 CFR 61.342(e)(2)(i)] Which Months: All Year Statistical Basis: None specified Benzene <= 6 Mg/yr (6.6 ton/yr), as determined in 40 CFR 61.355(k). Subpart FF. [40 CFR 61.342(e)(2)(i)]
- 114 [40 CFR 61.355] Which Months: All Year Statistical Basis: None specified Determine compliance with 40 CFR 61 Subpart FF using the test methods and procedures specified in 40 CFR 61.355(a) through (i), as applicable. Subpart FF.
- 115 [40 CFR 61.356] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency Maintain records as specified in 40 CFR 61.356(a) through (n), as applicable. Maintain each record in a readily accessible location at the facility site for a period not less than two years from the date the information is recorded unless otherwise specified. Subpart FF.
- 116 [40 CFR 61.357(a)] Submit report: Due by initial startup. Submit a report that summarizes the regulatory status of each waste stream subject to 40 CFR 61.342 and is determined by the procedures specified in 40 CFR 61.355(c) to contain benzene. Include the information specified in 40 CFR 61.357(a)(1) through (a)(4). If there is no benzene onsite in wastes, products, by-products, or intermediates, submit an initial report that is a statement to this effect. Subpart FF. [40 CFR 61.357(a)]
- 117 [40 CFR 61.357(a)] Submit report: Due within 90 days after January 7, 1993. Submit a report that summarizes the regulatory status of each waste stream subject to 40 CFR 61.342 and is determined by the procedures specified in 40 CFR 61.355(c) to contain benzene. Include the information specified in 40 CFR 61.357(a)(1) through (a)(4). If there is no benzene onsite in wastes, products, by-products, or intermediates, submit an initial report that is a statement to this effect. Subpart FF. [40 CFR 61.357(a)]
- 118 [40 CFR 61.357(c)] Submit report: Due annually and whenever there is a change in the process generating the waste stream that could cause the total annual benzene quantity from facility waste to increase to 10 Mg/yr (11 ton/yr) or more. Submit updates to the information specified in 40 CFR 61.357(a)(1) through (a)(3) or, if the information in 40 CFR 61.357(a)(1) through (3) is not changed in the following year, a statement to that effect. Subpart FF. [40 CFR 61.357(c)]
- 119 [40 CFR 61.] All affected facilities shall comply with all applicable provisions in 40 CFR 61 Subpart A.
- 120 [40 CFR 63.647(a)] Wastewater streams having a benzene concentration of 10 ppmw or greater (Group 1) shall comply with the requirements of 40 CFR 61.340 through 61.355 of NESHAP Part 61 Subpart FF. Wastewater streams having a benzene concentration of less than 10 ppmw (Group 2) are not regulated by this subpart. WCLA unit contains both Group 1 and Group 2 wastewater streams. [40 CFR 63.647(a)]

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- 121 [40 CFR 63.7886(b)(2)]
 - 122 [40 CFR 63.7886(b)]
 - 123 [40 CFR 63.]
 - 124 [40 CFR 70.5(a)(1)(iii)]
 - 125 [40 CFR 70.6(a)(3)(iii)(A)]
 - 126 [40 CFR 70.6(a)(3)(iii)(B)]
 - 127 [40 CFR 70.6(c)(5)(v)]
 - 128 [LAC 33:III.2113.A]
 - 129 [LAC 33:III.2141.A]
 - 130 [LAC 33:III.2141.A]
 - 131 [LAC 33:III.219]
- Currently the Baton Rouge Complex does not have any affected sources subject to the following provisions: process vents, equipment leaks, closed-vent systems/control devices, or continuous monitoring systems. Remediation Material Management Units (RMMUs) are used to manage remediation material generated from site remediation associated with unplanned releases. The Baton Rouge Complex uses a variety of containers as RMMUs. Existing tanks and/or separators which are potentially subject to this subpart are exempt from emission control requirements because these tanks and/or separators contain remediation material with an average total VOHAP < 500 ppmw. [40 CFR 63.7886(b)(2)]
- Containers are currently the only emission source (Remediation Material Management Unit) subject to the emission control requirements of the Site Remediation MACT. The HAP emissions associated with these RMMUs will be controlled according to the applicable standards specified in 40 CFR 63.7900 through 40 CFR 63.7903, or will meet one of the following exemptions: (1) The remediation material will be included in the sitewide 1.0 Mg exemption list in accordance with 40 CFR 63.7881(c)(1); or (2) The site remediation will be completed within 30 consecutive calendar days in accordance with 40 CFR 63.7884(b). [40 CFR 63.7886(b)]
- All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A.
- Submit Title V permit application for renewal: Due 6 months before permit expiration date. [40 CFR 70.5(a)(1)(iii)]
- Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
- Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. [40 CFR 70.6(a)(3)(iii)(B)]
- Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]
- Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
- Control emissions of volatile organic compounds from petroleum refinery process unit turnarounds by pumping the liquid contents to storage and depressurizing the processing units to five psig (pounds per square inch gauge) or below before venting to the atmosphere. Control the vapors during the depressurization prior to venting to atmosphere by one of the applicable methods specified in LAC 33:III.2115.A, B, and F. Keep records and determine compliance as specified in LAC 33:III.2115.I, J, and K.
- Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.

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- 132 [LAC 33:III.2901.D] Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited.
- 133 [LAC 33:III.501.C.1] Submit permit application: Due prior to construction, reconstruction or modification unless otherwise provided in LAC 33:III.Chapter 5. Submit a timely and complete permit application to the Office of Environmental Services as required in accordance with the procedures in LAC 33:III.Chapter 5.
- 134 [LAC 33:III.501.C.6] Maintain best practical housekeeping and maintenance practices at the highest possible standards to control emissions of highly reactive volatile organic compounds (HRVOC), which include Ethylene and Propylene. (State Only).
- 135 [LAC 33:III.501.C.6] Maintain, to the extent practicable, a leak-free facility taking such steps as are necessary and reasonable to prevent leaks and to expeditiously repair leaks that occur. Update the written plan presently required by LAC 33:III.2113.A.4 within 30 days of receipt of this permit to incorporate these general duty obligations into the housekeeping procedures. The plan shall then be considered a means of emission control subject to the required use and maintenance provisions of LAC 33:III.905. Failure to develop, use, and diligently maintain the plan shall be a violation of this permit. (State Only).
- 136 [LAC 33:III.507.E.4] Any permit application to renew an existing permit shall be submitted at least six months prior to the date of permit expiration, or at such earlier time as may be required by the existing permit or approved by the permitting authority. In no event shall the application for permit renewal be submitted more than 18 months before the date of permit expiration.
- 137 [LAC 33:III.5105.A.1] Do not construct or modify any stationary source subject to any standard set forth in LAC 33:III.Chapter 51.Subchapter A without first obtaining written authorization from DEQ in accordance with LAC 33:III.Chapter 51.Subchapter A, after the effective date of the standard.
- 138 [LAC 33:III.5105.A.2] Do not cause a violation of any ambient air standard listed in LAC 33:III.Table 51.2, unless operating in accordance with LAC 33:III.5109.B.
- 139 [LAC 33:III.5105.A.3] Do not build, erect, install, or use any article, machine, equipment, process, or method, the use of which conceals an emission that would otherwise constitute a violation of an applicable standard.
- 140 [LAC 33:III.5105.A.4] Do not fail to keep records, notify, report or revise reports as required under LAC 33:III.Chapter 51.Subchapter A.
- 141 [LAC 33:III.5107.A.2] Include a certification statement with the annual emission report and revisions to any emission report that attests that the information contained in the emission report is true, accurate, and complete, and that is signed by a responsible official, as defined in LAC 33:III.502. Include the full name of the responsible official, title, signature, date of signature and phone number of the responsible official.
- 142 [LAC 33:III.5107.A] Submit Annual Emissions Report (TED): Due annually, by the 31st of March unless otherwise directed by DEQ, to the Office of Environmental Assessment in a format specified by DEQ. Identify the quantity of emissions in the previous calendar year for any toxic air pollutant listed in Table 51.1 or Table 51.3.
- 143 [LAC 33:III.5107.B.1] Submit notification: Due to the Department of Public Safety 24-hour Louisiana Emergency Hazardous Materials Hotline at (225) 925-6595 immediately, but in no case later than 1 hour, after any discharge of a toxic air pollutant into the atmosphere that results or threatens to result in an emergency condition (a condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water or air environment, or cause severe damage to property).
- 144 [LAC 33:III.5107.B.2] Submit notification: Due to SPOC, except as provided in LAC 33:III.5107.B.6, no later than 24 hours after the beginning of any unauthorized discharge into the atmosphere of a toxic air pollutant as a result of bypassing an emission control device, when the emission control bypass was not the result of an upset, and the quantity of the unauthorized bypass is greater than or equal to the lower of the Minimum Emission Rate (MER) in LAC 33:III.5112, Table 51.1, or a reportable quantity (RQ) in LAC 33:III.393 I, or the quantity of the unauthorized bypass is greater than one pound and there is no MER or RQ for the substance in question. Submit notification in the manner provided in LAC 33:III.3923.

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- 145 [LAC 33:III.5107.B.3] Submit notification: Due to SPOC, except as provided in LAC 33:III.5107.B.6, immediately, but in no case later than 24 hours after any unauthorized discharge of a toxic air pollutant into the atmosphere that does not cause an emergency condition, the rate or quantity of which is in excess of that allowed by permit, compliance schedule, or variance, or for upset events that exceed the reportable quantity in LAC 33:III.3931. Submit notification in the manner provided in LAC 33:III.3923.
- 146 [LAC 33:III.5107.B.4] Submit written report: Due by certified mail to SPOC within seven calendar days of learning of any such discharge or equipment bypass as referred to in LAC 33:III.5107.B.1 through B.3. Include the information specified in LAC 33:III.5107.B.4.a.i through B.4.a.viii.
- 147 [LAC 33:III.5107.B.5] Report all discharges to the atmosphere of a toxic air pollutant from a safety relief device, a line or vessel rupture, a sudden equipment failure, or a bypass of an emission control device, regardless of quantity, IF THEY CAN BE MEASURED AND CAN BE RELIABLY QUANTIFIED USING GOOD ENGINEERING PRACTICES, to DEQ along with the annual emissions report and where otherwise specified. Include the identity of the source, the date and time of the discharge, and the approximate total loss during the discharge.
- 148 [LAC 33:III.5113.B.1] Ensure that all testing done to determine the emission of toxic air pollutants is conducted by qualified personnel.
- 149 [LAC 33:III.5113.B.1] Submit test results: Due in writing to the Office of Environmental Assessment within 45 days after completion of the test. Submit test results signed by the person responsible for the test.
- 150 [LAC 33:III.5113.B.2] Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ.
- 151 [LAC 33:III.5113.B.3] Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants.
- 152 [LAC 33:III.5113.B.4] Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through B.4.e.
- 153 [LAC 33:III.5113.B.5] Analyze samples and determine emissions within 30 days after each emission test has been completed.
- 154 [LAC 33:III.5113.B.6] Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ.
- 155 [LAC 33:III.5113.B.7] Submit notification: Due to the Office of Environmental Assessment at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test.
- 156 [LAC 33:III.5113.C.1] Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence.
- 157 [LAC 33:III.5113.C.5.d] Install all continuous monitoring systems or monitoring devices to make representative measurements under variable process or operating parameters.
- 158 [LAC 33:III.5113.C.5.e] Collect and reduce all data as specified in LAC 33:III.5113.C.5.e.i and ii.
- 159 [LAC 33:III.5113.C.7] Maintain records of monitoring data, monitoring system calibration checks, and the occurrence and duration of any period during which the monitoring system is malfunctioning or inoperative. Maintain these records at the source, or at an alternate location approved by DEQ, for a minimum of three years and make available, upon request, for inspection by DEQ.
- 160 [LAC 33:III.5151.F.1.f] An individual or company contracted to perform a demolition or renovation activity which disturbs RACM must be recognized by the Licensing Board for Contractors to perform asbestos abatement, and shall meet the requirements of LAC 33:III.5151.F.2 and F.3 for each demolition or renovation activity.

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- 161 [LAC 33:III.5151]
Comply with the applicable asbestos regulations when manufacturing and fabricating, performing demolition and renovation, when spraying asbestos containing materials, when installing asbestos containing insulating materials, and when disposing of asbestos containing material.
- 162 [LAC 33:III.517.A.1]
Submit permit application: Due prior to commencement of construction, reconstruction, or modification of the source, for new or modified sources. Do not commence construction, reconstruction, or modification of any source required to be permitted under LAC 33:III. Chapter 5 prior to approval by the permitting authority.
- 163 [LAC 33:III.517.B.1]
Any application form, report, or compliance certification submitted under this Chapter shall contain certification by a responsible official of truth, accuracy, and completeness. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information contained in the application are true, accurate, and complete.
- 164 [LAC 33:III.517.C]
Submit supplementary facts or corrected information: Due promptly upon becoming aware of failure to submit or incorrect submittal regarding permit applications. In addition, provide information as necessary to address any requirements that become applicable to the source after the date of filing a complete application but prior to release of a proposed permit.
- 165 [LAC 33:III.517.D]
Submit applications for permits in accordance with forms and guidance provided by the DEQ. At a minimum, each permit application submitted under LAC 33:III. Chapter 5 shall contain the information specified in LAC 33:III.517.D, subparagraphs 1-18.
- 166 [LAC 33:III.517.E]
In addition to those elements listed under LAC 33:III.517.D, include in each application pertaining to a Part 70 source the information specified in LAC 33:III.517.E, Subparagraphs 1-8.
- 167 [LAC 33:III.517.G]
Submit change of ownership notification in accordance with LAC 33:III. Chapter 19.
- 168 [LAC 33:III.523.A]
Submit permit modification application: Due within 45 days of obtaining relevant test results. The permit modification or amendment shall include all information necessary to process the request, and is required if testing demonstrates that the terms and conditions of the existing permit are inappropriate or inaccurate.
- 169 [LAC 33:III.5609.A]
Prepare standby plans for the reduction of emissions during periods of Air Pollution Alert, Air Pollution Warning and Air Pollution Emergency.
- 170 [LAC 33:III.5611.A]
Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in LAC 33:III.5611. Tables 5, 6, and 7.
- 171 [LAC 33:III.5611.B]
Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority.
- 172 [LAC 33:III.5901.A]
During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.
- 173 [LAC 33:III.5907]
Comply with the provisions in 40 CFR 68, except as specified in LAC 33:III.5901.
- 174 [LAC 33:III.5911.A]
Identify hazards that may result from accidental releases of the substances listed in 40 CFR 68.130, Table 59.0 of LAC 33:III.5907, or Table 59.1 of LAC 33:III.5913 using appropriate hazard assessment techniques, design and maintain a safe facility, and minimize the off-site consequences of accidental releases of such substances that do occur.
- 175 [LAC 33:III.5911.C]
Submit registration: Due January 31, 1998, or within 60 days after the source becomes subject to LAC 33:III. Chapter 59, whichever is later. Include the information listed in LAC 33:III.5911.B, and submit to the Office of Environmental Compliance.
- 176 [LAC 33:III.919.D]
Submit amended registration: Due to the Office of Environmental Compliance within 60 days after the information in the submitted registration is no longer accurate.
Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.

SPECIFIC REQUIREMENTS

AI ID: 2638 - ExxonMobil Refining & Supply Co - Baton Rouge Refinery

Activity Number: PER20070027

Permit Number: 2363-V2

Air - Title V Regular Permit Minor Mod